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# FOREIGN CROPS AND MARKETS



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## FEATURE ARTICLE

WORLD SITUATION IN HOGS AND PORK - p. 1015

## IN THIS ISSUE

|                                                         | Page |
|---------------------------------------------------------|------|
| LATE CABLES.....                                        | 1007 |
| British markets receive good quality Russian wheat..... | 1008 |
| Argentine rains general in November.....                | 1008 |
| Australian wheat undersells American at Shanghai.....   | 1010 |
| Spain reduces duty on corn.....                         | 1012 |
| European cotton markets quiet.....                      | 1013 |
| China using more American cotton.....                   | 1013 |
| London wool sales less active.....                      | 1014 |
| European pork prices unusually low.....                 | 1015 |

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## L A T E C A B L E S

Australia wheat harvesting proceeding in good condition. Harvest results reported satisfactory. (International Institute of Agriculture, Rome, December 16.)

German decree effective December 18 permits import 2 metric tons of feed barley at a duty of 40 marks per ton (\$8.65 per short ton on par basis) for each ton of domestic barley purchased. (Agricultural Attache Steere, Berlin, December 17.)

London wool sales closed with all types below opening rates. Continent and Bradford competition weaker this week and as most owners wanted to sell they have taken less money. Withdrawals not at all serious. Very little American buying. (Agricultural Attache Foley, London, December 17.)

Sydney wool sales closed today with good competition from Yorkshire and fair support from Japan and the Continent compared with the opening of this series on December 14. No changes in the market. Next series will be January 4 to February 18 when 283,500 bales of wool are expected to be offered. (Wool specialist Reed, London, December 17.)

Poland potato crop current season estimated at 1,208,000,000 bushels compared with 1,135,000,000 bushels in 1930. Flaxseed crop placed at 1,968,000 bushels against 2,173,000 last year. Flax fiber, hemp fiber and hemp seed crops all below year ago. (International Institute of Agriculture, Rome, December 17.)

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## C R O P   A N D   M A R K E T   P R O S P E C T S

## BREAD GRAINS

World wheat and rye production summary

No additions or revisions to the official wheat and rye production estimates were received during the week. The wheat crop in the 39 countries which have reported totals 3,521,439,000 bushels compared with 3,627,509,000 bushels reported for the same countries last year. In the 23 countries which have reported for rye the production is placed at 810,424,000 bushels as against 976,632,000 bushels in 1930 for the same countries. For detailed wheat and rye production figures, see last week's tables on pages 992 and 994.

Russian grain procurings and shipments

Procurings up to December 1 in per cent of the yearly plan were reported by Mr. Steere follows: Ukraine, 74; North Caucasus, 75; Middle Volga region 83; Lower Volga region, 90; Central Black Soil region 81; Ural region 68. Procurings in the important Ukraine district appeared very slow in November as on November 1, 64 per cent of the yearly plan was executed.

The first arrivals of Russian wheat on English markets was reported of very good quality while later receipts show a wide range in quality, says Mr. Schollenberger, grain specialist at London. The inferiority of the grain where present is said to be due in some cases to field damage but mostly to a deficient gluten content. Present offerings of Russian wheat stored at English ports are said to show a full range in quality from good to poor.

Weather and Crop ConditionsEurope

Late sowings in Germany were reported developing irregularly on December 1, otherwise crop conditions were unchanged from November. Czechoslovakia officially reports November 1 condition of fall wheat and rye above average. Sweden's latest reports indicate a grain crop below the September estimates with rye especially unfavorable. The quality of the wheat crop was reported good while rye was below last year. Favorable fall weather was reported in France, Italy and Spain. Trade reports from Rumania indicate that the cold weather has stopped seeding.

Argentina

There were fairly heavy general rains in Argentina on November 6, 7, 13 and 14 and much lighter general rain from November 21 to November 25, according to a cable on December 8 from Agricultural Commissioner Ray at Buenos Aires. Several interruptions were reported in the wheat and flaxseed harvest in November on account of rain. Early threshing returns from the north indicate many high wheat yields but a wide variation was noted.

## C R O P A N D M A R K E T P R O S P E C T S , C O N T ' D

Movement to marketUnited States

United States foreign trade in wheat including wheat flour,  
July 1 to Dec. 5, 1930-31 and 1931-32 a/

|                                   | July 1, 1930<br>to<br>Dec. 6, 1930 | July 1, 1931<br>to<br>Dec. 5, 1931 | Dec. 6<br>1930   | Week ended       |                  |                  |
|-----------------------------------|------------------------------------|------------------------------------|------------------|------------------|------------------|------------------|
|                                   |                                    |                                    |                  | Nov. 21<br>1931  | Nov. 28<br>1931  | Dec. 5<br>1931   |
|                                   | 1,000<br>bushels                   | 1,000<br>bushels                   | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels |
| Exports,<br>domestic <u>b/</u>    | 82,903                             | 70,493                             | 1,708            | 3,241            | 2,284            | 2,461            |
| Imports, from<br>Canada <u>c/</u> | 10,154                             | 7,177                              | 252              | 394              | 215              | 155              |
| Net exports                       | 72,749                             | 63,316                             | 1,456            | 2,847            | 2,069            | 2,306            |

Compiled from weekly reports published by the Bureau of Foreign and Domestic  
Commerce. a/ Preliminary. b/ Includes flour milled from imported wheat.  
c/ Mostly wheat imported for milling in bond and export.

Canada

Canadian receipts, shipments and stocks of wheat  
August 1 to Dec. 4, 1930-31 and 1931-32

|                        | Aug. 1, 1930<br>to<br>Dec. 5, 1930 | Aug. 1, 1931<br>to<br>Dec. 4, 1931 | Dec. 5<br>1930   | Nov. 27<br>1931  | Dec. 4<br>1931   |
|------------------------|------------------------------------|------------------------------------|------------------|------------------|------------------|
|                        | 1,000<br>bushels                   | 1,000<br>bushels                   | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels |
| Stocks in store:       |                                    |                                    |                  |                  |                  |
| Western Gr. Insp. Div. |                                    |                                    | 143,433          | 150,430          | 146,528          |
| Total Canada. . . . .  |                                    |                                    | 212,108          | 185,371          | 185,531          |
| Receipts:              |                                    |                                    |                  |                  |                  |
| Ft. Wm. and Pt. Arthur | 106,355                            | 80,220                             | 4,111            | 5,429            | 2,907            |
| Vancouver. . . . .     | 29,698                             | 21,031                             | 2,531            | 1,568            | 1,102            |
| Shipments:             |                                    |                                    |                  |                  |                  |
| Ft. Wm. and Pt. Arthur | 115,026                            | 85,673                             | 5,174            | 5,523            | 6,819            |
| Vancouver. . . . .     | 25,414                             | 17,349                             | 1,801            | 1,570            | 1,949            |

Compiled from an official report of the Board of Grain Commissioners of  
Canada.

## CROP AND MARKET PROSPECTS, CONT'D

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Foreign market conditionsEurope

Continental wheat markets were not so active and prices were generally lower during the first week of December, according to Mr. Stearns. Trading on the Netherlands market was quiet; prices were lower with interest centered in new Argentine Plate wheats. Activity was limited on the Belgium market. France reported a moderate business with slightly improved prices due to the increased milling quota. Czechoslovakian mills seemed to be well supplied with the result that the reduced inquiry caused a weaker tone on the market. Both wheat and rye prices were lower. In Austria prices continued firm and offers restricted. The weekly allotment of Foreign currency for grain imports is determined in advance by the new control office and is subject to the limitation of the banks' ability to pay. German markets were inactive with low mill inquiry continuing. The spot price of domestic wheat at Berlin on December 9 was 216 marks per metric ton (\$1.38 per bushel at current rate of exchange) compared with 221.5 marks (\$1.43) on December 2. The price of rye was 193.5 marks per metric ton on December 9 (\$1.15 per bushel) as compared with 200 marks (\$1.20 per bushel) on December 2.

Shanghai

Shanghai flour mills were fairly active in November, according to a cable on December 11 from Agricultural Commissioner Dawson at Shanghai. Stocks were quite heavy and demand in Dairen and Tientsin was restricted. Stocks of wheat, which were mostly foreign, were considered heavy and sufficient with what had been contracted so as to run mills until late in the winter. Shanghai mills were said to be using a larger proportion of foreign wheat than normally for this season due to the low prices, the decreased domestic crop, interior transportation difficulties and increased demand in other parts of China.

Imports of wheat for October were reported: Australia, 3,569,000 bushels; United States, 1,086,000; Canada, 349,000; and Russia, 276,000 bushels. Little more Russian wheat is expected, Mr. Dawson states. Interest centers chiefly in Australian wheat because of the favorable price which is far below American quotations. Imports to date have been much above those for the same period last year but the trade seems doubtful if the crop year will show an increase over last year's record imports of 27,000,000 bushels.

Wheat prices, c.i.f. Shanghai were: Victorian and south Australian, in bags, for February and March shipment 53 cents per bushel, bulk cargo 53 cents per bushel; Canadian No. 3, 55 cents; American western white 66 cents; Chinese spot 49 cents, January 51 cents. Chinese flour was quoted at 60 cents per bag of 49 pounds and for January 61 cents.

## C R O P   A N D   M A R K E T   P R O S P E C T S ,   C O N T ' D

Tientsin

The fighting which broke out at Tientsin on the nights of November 8 and 9, and continued intermittently throughout the remainder of the month, curtailed trade in all commodities, according to a cable on December 14 from Consul General Lockhart at Tientsin. Clearances of flour as well as other commodities through the customs were very slow as the condition of the local market did not permit importers to realize funds through the banks with which to clear their shipments. Clearances of import wheat and flour from abroad through the Tientsin customs during the month of November fell to 27,500 barrels, the lowest quantity for any month since February, 1927.

Arrivals of wheat flour during November totaled approximately 225,000 barrels of which 37,500 were from the United States, 30,000 from Japan, and 157,000 from Shanghai. Local millers were more seriously affected by the trouble in Tientsin than the importers, says the Consul General, as martial law greatly restricted the activity of mills and the handling of wheat and flour. Local mill production decreased in consequence and fell from 210,000 barrels in October to 79,000 barrels in November. Stocks of flour decreased slightly during November, totaling approximately 400,000 barrels at the end of the month. The continued flooding of the local market with low priced flour milled in Shanghai was not favorable for forward business with American mills and it is believed that no orders were placed with American mills during November.

Average wholesale prices of wheat flour, ex-warehouse Tientsin, packed in bags of 49 pounds net, in terms of United States currency per barrel at the end of November were reported: American club straight, 2.23; Canadian, first clear and Japanese, \$2.74; Shanghai milled, \$2.69; Tientsin milled, first grade, \$3.22, second grade \$3.12, third grade, \$3.02.

Wheat prices

Futures prices of wheat at all of the principal world markets were lower on December 12 than a week earlier. At Chicago, May futures closed at 56 cents on December 12 as compared with 59 cents a week earlier and 81 cents a year ago. At Kansas City, May futures declined from 52 to 49 cents during the week; at Minneapolis from 68 to 65 cents; at Winnipeg from 55 to 52 cents; at Liverpool from 59 to 58 cents and at Buenos Aires, February futures declined from 44 to 43 cents.

Cash prices of all classes of wheat, except durum, declined at the principal United States markets during the week ended December 11. No. 2 Hard Winter at Kansas City averaged 52.8 cents for the week ended December 11 as compared with 53.6 cents per bushel for the week ended December 4. No. 1 Dark Northern Spring at Minneapolis declined from an average of 76.8

## CROP AND MARKET PROSPECTS, CONT'D

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to 72.9 during the same week and No. 2 Red Winter at St. Louis from 57.8 to 56.5 cents. Western white at Seattle averaged 64.7 cents per bushel for the week ended November 27 and 63.8 for the week ended December 4. The only advance during the week was recorded by No. 2 Amber Durum at Minneapolis, which averaged 77.5 for the week ended December 4 and 84 cents for the week ended December 11. All classes and grades at six markets averaged 61.8 cents for the week ended December 11 which was practically the same as the average for the previous week.

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## FEED GRAINS

Corn

The Spanish duty on corn has been reduced from 10 to 7 gold pesetas per 100 kilos (from 49 to 34 cents per bushel) by a decree of the Ministry of National Economy dated November 6, 1931 and effective November 8. The reduced duty applies to shipments regardless of the source or date of embarkation. The Minister of National Economy is also authorized to decree alterations in the duties on maize after consent of the Council of Ministers and taking into consideration the internal production and consumption.

The 1931 corn production in the 19 countries reporting still stands at 3,482,607,000 bushels or nearly 24 per cent above the small 1930 crop. See production table, page 995 of last week's issue of "Foreign Crops and Markets". Current statistics on the corn trade are given on page 1048.

Mill grindings of corn in Canada from August 1 to October 31 totaled 492,000 bushels compared with 570,000 bushels during those months of 1930. Mill production of corn flour and meal amounted to 6,606,000 pounds against 5,899,000 pounds last year.

Barley

The 1931 barley production in 36 countries reported is 1,171,530,000 bushels, the same as that reported last week and represents a reduction of more than 17 per cent from the crop in the same countries of last year. For more detailed production figures, see table page 995 of last week's issue.

Mill grindings of barley in Canada during the months August - October amounted to 361,000 bushels compared with 304,000 bushels during those months in 1930. Total farm stocks of winter barley in Germany on November 15 amounted to 35 per cent of the total crop, or 8,000,000 bushels, while spring barley stocks amounted to 66 per cent, or 76,177,000 bushels. The stocks of winter barley available for sale were 6 per

## CROP AND MARKET PROSPECTS, CONT'D

cent of the total crop, and the spring barley available for sale, 42 per cent, making a total of about 50,000,000 bushels. It is reported that Germany has recently been buying feeding barley from the U.S.S.R.

Oats

With no change in foreign oats production estimates from last week the 1931 yield in the 29 countries reported to date continues at 3,161,674,000 bushels as against 3,415,574,000 bushels produced in the same countries last year. See last week's oats production table, page 995.

Mill grindings of oats in Canada from August 1 to October 31 amounted to 3,509,000 bushels compared with 3,045,000 bushels during those months of 1930. Mill production of oatmeal and rolled oats totaled 46,287,000 pounds compared with 40,024,000 pounds last year.

Stocks of oats in Germany on November 15 amounted to 78 per cent of the total crop or 333,439,000 bushels, while the stocks available for sale were 19 per cent of the total crop, or 81,222,000 bushels.

COTTONEuropean cotton markets quiet

Demand for raw cotton at Liverpool during the second week of December was quietly maintained and prices on December 11 were about the same as a week earlier. American middling was quoted at 7.20 cents and OOmra #1 Fine at 6.66 cents per pound. Speculative interest was reported restricted. At Manchester the yarn and cloth market was quiet. Though considerable cloth inquiry for India was noted, actual sales were limited. Chinese purchases were of fair volume following a further rise in silver. The Havre market tone appeared easy. The price disparity of Indian and other cottons is said to be restricting purchases of the former. The Bremen and Milan markets were also reported quiet during the week. See price table, page 1049.

Chinese consumption American cotton heavy

Chinese cotton mills were reported operating at a good rate with consumption of American cotton quite heavy due to the unusually high proportion of it being used, states a cable on December 14 from Agricultural Commissioner Dawson at Shanghai. Japanese mills curtailed production about one-third, but were not expected to close down. Arrivals of foreign cotton have been very heavy for this time of year but forward purchases were said to be slackening. American cotton remains at a very favorable parity with

## CROP AND MARKET PROSPECTS, CONT'D

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Indian. Only small amounts of native cotton have been marketed this year because of the decrease of twenty to twenty-five per cent in the crop below last year, the low prices of foreign cotton which has resulted in less interest in the domestic crop, and difficulties of buyers in getting into the interior. In Tsingtao and Tientsin, where the crop exceeds that of last year, large amounts of native cotton were reported being received.

Imports of cotton during October totaled 142,158 bales of 478 pounds with American at 111,000 bales and Indian 31,158 bales. Preliminary figures indicate that imports in the first half of November were about equal to the same period of October. The demand for yarn is not strong at the present time and stocks are accumulating according to Mr. Dawson. Japanese yarn stocks are quite heavy but they are said to be moving part of their output to Manchuria, Ssantung and the South Sea Islands. Japanese raw cotton stocks are not heavy but Chinese stocks are increasing. During the past month there was important business in English piece goods, but recently the market has been dull with little inquiry for new business.

Quotations as of December 12 were: Yarn for December delivery, 36.88 cents per pound; domestic cotton, 7.63 cents per pound; American middle grade, c.i.f., December shipment, 7.47 cents per pound.

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## LIVESTOCK, LEAT AND WOOL

London wool sales less active

Bidding at the London wool sales was not particularly keen during the week ended December 11, and prices of the previous week were barely maintained, according to a cable to the Foreign Service from Agricultural Attache Foley. Germany continued to be the chief buyer of greasy wools above 50s, but offered very little during the week. English topmakers and merchants were fairly active but very few spinners were operating. Sellers were ready to meet the market in most cases. Withdrawals during the week were about 15 to 20 per cent of the offerings.

Quotations have been fairly well maintained on the Bradford market during the past week, due to the demand from hosiery manufacturers and the steadiness in raw wool prices in London and Australia, according to a report from Consul Edwards. There was very little new business in yarns. The worsted section is employed on medium quality materials for the home trade but there is still a lack of piece goods orders for export account.

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THE WORLD SITUATION IN HOGS AND PORK a/

Outstanding features of the current world hog and pork situation are: (1) Unusually large hog numbers in Europe and relatively small numbers in the United States; (2) keen competition in the foreign markets for American cured pork and lard; (3) prices of such products among the lowest on record, and (4) United States exports smaller than at any time in the past 30 years.

In most parts of the world where records are available, hog numbers have tended to advance fairly steadily since the Great War, except in North America. In Europe, South America, and Asia the increase has brought total numbers to slightly above the pre-war level. At present, however, there are indications of reduced breeding stocks in the competitive European area, and of increasingly unfavorable relationships of feed prices to hog prices. In both Europe and America, feed prices have shown a tendency to advance, while hog prices are weaker, or steady at low levels.

Heavy production of pork and lard in Europe continue to discourage the exports of American products. In cured pork, the large Danish output is the chief competitive factor in Great Britain, the leading foreign market for American cured products. That market continues to absorb good quantities of American lard, but in Continental markets domestic production, notably in Germany, is seriously limiting the demand for American lard.

a/ The material presented herewith is designed to supplement the information appearing in monthly releases under the title "WORLD HOG AND PORK PROSPECTS". Emphasis here is placed on the side of hogs numbers and pork production since the monthly statements cover in detail the current market developments. The statistics herein are arranged on a calendar or fiscal year basis to conform with the availability of most foreign trade figures, whereas in "WORLD HOG AND PORK PROSPECTS" all of the statistics are on the basis of a season beginning October 1. In the February, May, August and November issues, "WORLD HOG AND PORK PROSPECTS", most of the information on hog numbers contained herein is brought up to date and developments in the world hog markets during the preceding quarter are summarized.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Continental pork production outside Denmark and Germany is an increasingly important competitive factor in British cured pork markets.

Netherlands, Sweden and the Baltic States are shipping bacon to the United Kingdom in record quantities.

World hog numbers

In January 1931 hog numbers in the United States reached the lowest point since 1926 whereas in Europe the number reached the highest level on record. In Germany, Denmark, the Netherlands and Irish Free State numbers were higher than ever previously recorded. In Great Britain, however, the number was below the 1928 level.

Latest reports of numbers of brood sows in important European countries show that in the fall of 1931 there was a reduction of 2 per cent in Germany - 10 per cent in sows in farrow - compared with the same date of 1930. In the Netherlands the number of sows in farrow have been decreasing since the beginning of 1931 when they were unofficially estimated a/ at from 243,000 to 254,000. In March they had been reduced to 232,000, in June to 210,000 and by September 1, 1931 to 196,000 according to unofficial estimates.

There was no reduction of brood sows in Denmark in July 1931, but rather an increase of 9 per cent to 631,000 compared with 1930. Reports from 9 European countries for the first half of 1931 showed an increase of 12 per cent in the number of brood sows kept, but as stated above in cases where quarterly estimates were available there was a decrease in the number kept as the year progressed.

In 1931 the number of hogs in 13 b/ countries reporting was 96 million, an increase of 5 per cent above 1930 but 6 per cent below 1928 when numbers were even greater owing principally to the large number in the United States that year. The average numbers in the same countries for the years 1926-1930 was 1 per cent below the average for the years 1921-1925.

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a/ These unofficial estimates are based on reports of percentage changes each quarter taking the June 1930 census figures as a basis, according to information furnished by Assistant Agricultural Commissioner Christy at Berlin and Commercial Attache Van Wickel at the Hague.

b/ United States, England and Wales, Scotland, North Ireland, Irish Free State, Norway, Denmark, Belgium, Germany, Hungary, Yugoslavia and Rumania, and Chosen.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Excluding the United States, however, the figures showed a 17 per cent increase. Numbers in this country reached a record level of 69 million in 1923, fell to 52 million in 1926 rose again in 1928 to 61 million and again declined to 52 million in 1931. Based on the June pig survey indications and on hog slaughter during recent months, numbers in the United States are now larger than a year ago.

Hog numbers in 24 countries reporting for each period showed scarcely any change in the average for the years 1926-1930 compared with 1921-1925. Increases in Europe during the latter period were offset by decreases in the United States and Canada. The estimated world total for the same period, which includes estimates for countries not reporting annually, shows a 6 per cent increase in the average for the years 1926-1930 over 1921-1925 and a 1 per cent increase over 1909-1913. The increased production was in Europe, South America, and Asia. See tables, pages 1018 to 1021.

Inspected slaughter and production

Due to the heavy European production of hogs this year, slaughter figures for the first 9 or 10 months of 1931, including the United States, show an increase in 8 a/ countries of 6 per cent over the same period of 1930. In Denmark and the Netherlands, slaughter for export has increased 22 per cent and 17 per cent respectively. In the two most important importing countries, Great Britain and Germany, production increased 10 per cent. In Germany the increase in inspected slaughter was 17 per cent. Production in the United Kingdom, as indicated by receipts at London Central Markets, increased 26 per cent during the first 10 months of 1931 over the corresponding period of 1930. Receipts from England and Wales increased only 6 per cent while those from Irish Free State increased almost 100 per cent.

In contrast to the heavy production in Europe, slaughter in the United States for the first 10 months of 1931 was 1 per cent under the corresponding period of last year. However, owing to heavier weights, pork production was about the same as it was last year for the same period. On the other hand, there was an increase of 9 per cent in Canada. There was also an increase in hogs killed for export in Australia from 35,000 in the first 3 months of 1930 to 96,000 in 1931. This is a small number, however, when compared with the number killed in other countries. Slaughter for production in Argentina and New Zealand was under last year's totals.

In 1930, slaughter of hogs in 14 b/ countries was approximately the same as in 1929. Exclusive of the United States, however, there was an increase of 11 per cent. See tables, pages 1022 to 1025.

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a/ United States, Canada, Denmark, Netherlands, Poland, Argentina, Australia, and Germany. b/ United States, Denmark, Netherlands, Canada, Poland, New Zealand, Argentina, Australia, State of Sao Paulo, Brazil, United Kingdom and Germany.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Numbers in countries having 130,000 and over, averages 1921-1925, 1926-30, annual 1928-1931

| Country                                                    | Month<br>of<br>estimate | Average<br>1921-<br>1925 a/<br>Thou-<br>sands | Average<br>1926-<br>1930 a/<br>Thou-<br>sands | 1928<br>Thou-<br>sands | 1929<br>Thou-<br>sands | 1930<br>Thou-<br>sands | 1931<br>Thou-<br>sands |
|------------------------------------------------------------|-------------------------|-----------------------------------------------|-----------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>NORTH AND CENTRAL<br/>AMERICA &amp; WEST<br/>INDIES</b> |                         |                                               |                                               |                        |                        |                        |                        |
| Canada.....                                                | June                    | 4,344                                         | 4,387                                         | 4,497                  | 4,382                  | 4,000                  | --                     |
| United States.....                                         | Jan.                    | 61,827                                        | 55,640                                        | 60,617                 | 57,410                 | 53,238                 | 52,323                 |
| Mexico.....                                                | June                    | b/ 1,125                                      | 2,903                                         | --                     | --                     | --                     | --                     |
| Guatemala.....                                             |                         | 57                                            | 80                                            | 89                     | 72                     | 79                     | --                     |
| Salvador.....                                              |                         | (330)                                         | 335                                           | --                     | --                     | c/ 335                 | --                     |
| Cuba.....                                                  |                         | (591)                                         | 591                                           | --                     | --                     | 591                    | --                     |
| Dominican Republic...                                      | May                     | 866                                           | (1,020)                                       | --                     | --                     | --                     | --                     |
| Haiti.....                                                 |                         | (170)                                         | 194                                           | 200                    | 220                    | --                     | --                     |
| All N. & C.American<br>count. reported all<br>periods:     |                         |                                               |                                               |                        |                        |                        |                        |
| To 1931.....                                               |                         | 61,827                                        | 55,640                                        | 60,617                 | 57,410                 | 53,238                 | 52,323                 |
| To 1930 d/.....                                            |                         | 66,228                                        | 60,107                                        | 65,203                 | 61,864                 | 57,317                 |                        |
| Est. total d/...                                           |                         | 72,700                                        | 68,200                                        |                        |                        |                        |                        |
| <b>SOUTH AMERICA</b>                                       |                         |                                               |                                               |                        |                        |                        |                        |
| Colombia.....                                              |                         | 1,352                                         | 1,400                                         | --                     | --                     | 1,434                  | --                     |
| Venezuela.....                                             |                         | 512                                           | (512)                                         | --                     | --                     | --                     | --                     |
| Ecuador.....                                               |                         | 150                                           | 153                                           | --                     | 153                    | --                     | --                     |
| Peru.....                                                  | Feb.-Apr.               | 429                                           | c/ 689                                        | --                     | c/ 689                 | --                     | --                     |
| Bolivia.....                                               |                         | 362                                           | 367                                           | --                     | 336                    | --                     | --                     |
| Chile.....                                                 |                         | 255                                           | c/ 331                                        | --                     | --                     | c/ 331                 | --                     |
| Brazil.....                                                | Sept.                   | c/e/ 16,139                                   | (20,000)                                      | --                     | --                     | --                     | f/ 20,000              |
| Uruguay.....                                               |                         | 278                                           | c/ 300                                        | --                     | --                     | c/ 300                 | --                     |
| Argentina.....                                             | Dec. g/                 | c/ 1,437                                      | c/h/ 3,769                                    | --                     | --                     | h/ 3,769               | --                     |
| Estimated S. Amer.<br>total d/                             |                         | 21,000                                        | 27,600                                        |                        |                        |                        |                        |
| <b>EUROPE</b>                                              |                         |                                               |                                               |                        |                        |                        |                        |
| England and Wales....                                      | June                    | 2,658                                         | 2,508                                         | 2,971                  | 2,367                  | 2,310                  | 2,777                  |
| Isle of Man.....                                           | June                    | 4                                             | 4                                             | 4                      | 3                      | 4                      | --                     |
| Scotland.....                                              | "                       | 167                                           | 165                                           | 196                    | 142                    | 143                    | 154                    |
| Northern Ireland....                                       | "                       | 134                                           | 206                                           | 229                    | 192                    | 216                    | f/ 236                 |
| Irish Free State.....                                      | "                       | 947                                           | 1,048                                         | 1,183                  | 945                    | 1,052                  | 1,221                  |
| Norway i/.....                                             | "                       | 216                                           | 303                                           | 283                    | 289                    | 339                    | 317                    |
| Sweden.....                                                | "                       | 1,056                                         | 1,526                                         | --                     | --                     | c/i/ 1,684             | --                     |
| Denmark.....                                               | July                    | 2,314                                         | 3,741                                         | 3,363                  | 3,618                  | 4,872                  | 5,435                  |
| Holland.....                                               | May-June                | 1,519                                         | c/ 2,018                                      | --                     | --                     | 2,018                  | f/k/ 2,434             |
| Belgium.....                                               | Dec. g/                 | 1,081                                         | 1,159                                         | 1,124                  | 1,139                  | 1,237                  | 1,250                  |

Continued

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Numbers in countries having 150,000 and over, averages 1921-1925, 1926-1930, annual 1928-1931, cont'd.

| Country                                               | Month of estimate | Average 1921-1925 <u>a/</u> | Average 1926-1930 <u>a/</u> | 1928           | 1929            | 1930            | 1931             |
|-------------------------------------------------------|-------------------|-----------------------------|-----------------------------|----------------|-----------------|-----------------|------------------|
| EUROPE, CONT'D                                        |                   | Thou-<br>sands              | Thou-<br>sands              | Thou-<br>sands | Thou-<br>sands  | Thou-<br>sands  | Thou-<br>sands   |
| France.....                                           | Dec. <u>g/</u>    | 5,302                       | 5,942                       | 6,019          | 6,017           | 6,102           | --               |
| Spain.....                                            | May-Dec <u>g/</u> | 4,500                       | 5,024                       | --             | <u>c/</u> 4,773 | --              | --               |
| Portugal.....                                         |                   | 1,019                       | <u>c/L/</u> 1,117           | --             | --              | --              | --               |
| Italy.....                                            | May-Apr.          | 2,630                       | 3,004                       | --             | --              | <u>c/</u> 3,157 | --               |
| Switzerland.....                                      | April <u>c/</u>   | 640                         | 635                         | --             | --              | --              | 924              |
| Germany.....                                          | Dec. <u>g/</u>    | 15,776                      | 19,715                      | 22,899         | 20,106          | 19,944          | <u>k/</u> 23,365 |
| Austria.....                                          | Dec. <u>g/</u>    | 1,399                       | 1,200                       | --             | <u>f/</u> 1,200 | --              | --               |
| Czechoslovakia.....                                   | Dec. <u>g/</u>    | 2,201                       | 2,814                       | --             | --              | <u>c/</u> 3,088 | --               |
| Hungary.....                                          | Apr.-July         | 2,424                       | 2,503                       | 2,662          | 2,583           | 2,362           | 2,715            |
| Yugoslavia.....                                       | Jan.              | 2,875                       | 2,743                       | 2,663          | 2,675           | (2,800)         | 2,924            |
| Greece.....                                           | Dec. <u>g/</u>    | 390                         | 458                         | 453            | 419             | --              | --               |
| Bulgaria.....                                         | Dec. <u>g/</u>    | 832                         | 1,002                       | --             | --              | --              | --               |
| Rumania.....                                          | Dec. <u>g/</u>    | 2,976                       | 2,809                       | 2,987          | 2,684           | 2,300           | 2,323            |
| Poland.....                                           | Nov.              | 5,287                       | 5,726                       | --             | <u>h/</u> 4,829 | <u>h/</u> 6,018 | --               |
| Lithuania.....                                        | June              | 1,521                       | 1,118                       | 1,060          | 944             | 1,136           | --               |
| Latvia.....                                           | "                 | 465                         | 499                         | 535            | 382             | 523             | --               |
| Estonia.....                                          | July              | 299                         | 317                         | 327            | 279             | 290             | --               |
| Finland.....                                          | Sept.             | 378                         | 418                         | 435            | 426             | --              | --               |
| Russia, European & Asiatic <u>m/</u> .....            | Summer            | 21,134                      | 20,806                      | 26,100         | 20,500          | 13,200          | --               |
| All European count. rept'd all periods excl. Russia - |                   |                             |                             |                |                 |                 |                  |
| To 1931.....                                          |                   | 31,568                      | 36,900                      | 40,560         | 36,740          | 37,575          | 42,718           |
| To 1930.....                                          |                   | 39,159                      | 44,780                      | 48,505         | 44,365          | 45,630          |                  |
| Est. total excl. Russia <u>d/</u> ....                |                   | 61,100                      | 69,800                      |                |                 |                 |                  |
| AFRICA                                                |                   |                             |                             |                |                 |                 |                  |
| Angola-Port.W.Africa                                  | Apr.              | 266                         | 300                         | 278            | --              | --              | --               |
| Union of South Africa                                 | Aug.              | 838                         | 799                         | 857            | 820             | --              | --               |
| Madagascar.....                                       | Feb.              | 369                         | 365                         | 328            | 412             | --              | --               |
| Total Africa Estimated <u>d/</u> ....                 |                   | 2,200                       | 2,300                       |                |                 |                 |                  |
| ASIA                                                  |                   |                             |                             |                |                 |                 |                  |
| China (incl. Turkestan and Manchuria)...              |                   | <u>n/</u> 62,500            | (62,500)                    | --             | --              | --              | --               |
| Japan.....                                            | Dec. <u>g/</u>    | 590                         | 688                         | 677            | 764             | 706             | --               |
| Chosen.....                                           | Dec. <u>g/</u>    | 1,078                       | 1,244                       | 1,244          | 1,277           | 1,328           | 1,387            |

Continued

## Foreign Crops and Markets

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Numbers in countries having 150,000 and over, averages  
1921-1925, 1926-1930, annual 1928-1931, contd.

| Country                                                   | Month<br>of<br>estimate | Average<br>1921-<br>1925 <u>a/</u> | Average<br>1926-<br>1930 <u>a/</u> | 1928           | 1929           | 1930           | 1931           |
|-----------------------------------------------------------|-------------------------|------------------------------------|------------------------------------|----------------|----------------|----------------|----------------|
| ASIA, CONT'D                                              |                         | Thou-<br>sands                     | Thou-<br>sands                     | Thou-<br>sands | Thou-<br>sands | Thou-<br>sands | Thou-<br>sands |
| Formosa.....                                              | Dec. <u>g/</u>          | 1,302                              | 1,619                              | 1,643          | 1,718          | 1,754          | --             |
| French Indo China..                                       |                         | 2,767                              | 2,531                              | 2,621          | 2,782          | --             | --             |
| Siam.....                                                 | March                   | 864                                | (864)                              | --             | --             | --             | --             |
| Straits Settlements                                       |                         | 220                                | (220)                              | --             | --             | --             | --             |
| Philippine Islands                                        | Dec. <u>g/</u>          | 5,768                              | 9,327                              | 9,798          | --             | --             | --             |
| Dutch East Indies:                                        |                         |                                    |                                    |                |                |                |                |
| Outer Possessions                                         | Dec. <u>g/</u>          | 783                                | 842                                | --             | --             | --             | --             |
| All Asiatic count.<br>rept'd all periods<br>excl. Russia: |                         |                                    |                                    |                |                |                |                |
| To 1931.....                                              |                         | 1,078                              | 1,244                              | 1,244          | 1,277          | 1,328          | 1,387          |
| To 1930.....                                              |                         | 2,970                              | 3,551                              | 3,564          | 3,759          | 3,788          | --             |
| Est. total excl.<br>Russia..... <u>d/</u>                 |                         | 76,400                             | 80,400                             |                |                |                |                |
| OCEANIA                                                   |                         |                                    |                                    |                |                |                |                |
| Australia.....                                            | Dec. <u>g/</u>          | 918                                | 985                                | 878            | 910            | 1,018          | --             |
| New Zealand.....                                          | Jan.                    | 396                                | 525                                | 587            | 557            | 488            | --             |
| All Oceania count.<br>rept'd all periods                  |                         |                                    |                                    |                |                |                |                |
| To 1930.....                                              |                         | 1,314                              | 1,510                              | 1,465          | 1,467          | 1,506          |                |
| Est. total <u>d/</u>                                      |                         | 1,400                              | 1,600                              |                |                |                |                |
| Grand total count.<br>rept'd all periods                  |                         |                                    |                                    |                |                |                |                |
| To 1931 excl.                                             |                         |                                    |                                    |                |                |                |                |
| Russia. (13).                                             |                         | 94,473                             | 93,784                             | 102,421        | 95,427         | 92,141         | 96,428         |
| To 1930, excl.                                            |                         |                                    |                                    |                |                |                |                |
| Russia.....                                               |                         | 109,671                            | 109,948                            | 118,737        | 111,455        | 108,241        |                |
| Est. world total<br>incl. Russia <u>d/</u>                |                         | 256,000                            | 270,000                            |                |                |                |                |

Bureau of Agricultural Economics, Division of Statistical and Historical Research.  
Official estimates and International Institute of Agriculture unless otherwise  
stated. Figures in parenthesis interpolated.

a/ Average for 5-year period if available, otherwise for any year or years within  
that period unless otherwise stated. In countries having changed boundaries the  
figures are estimated for one year only for numbers within present boundaries.

b/ Incomplete. c/ Nearest census figure. d/ These totals include interpolations  
for a few countries not reporting each year and rough estimates for some other.

e/ Year 1920. f/ Unofficial. g/ Countries reporting as of December have been con-  
sidered as of January 1 of the following year, i.e. the figures for the number of  
swine in France as of December 31, 1925 has been put in the 1926 column, etc.

Continued

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Numbers in countries having 150,000 and over, averages 1921-1925, 1926-1930, annual 1928-1931, cont'd

h/ June. i/ Number in rural communities. j/ September. k/ Hogs in the Netherlands reached 2,500,000 by September 1, 1931 and in Germany 25,348,000. L/ Year 1925. m/ Year 1916 from the Soviet Union Review, April 1928, page 52. Years 1924-25, Statistical Review October, 1928. Year 1926 Controlling Figures for National Economy of the U.S.S.R. 1929-30. Year 1927 Agricultural Statistics of the Union of Socialist Soviet Republics, Lenin Academy of Agricultural Sciences, Moscow 1930. Years 1928-30, State Planning Board Magazine entitled Planned Economy. n/ Estimate for all China based on official estimate for 1920, in 20 provinces which supported over 50 per cent of the total number in China in 1914.

BROOD SOWS: Number in principal pork and hog exporting and importing countries reporting, pre-war and 1925 to 1931

| Country                       | Month of estimate | Pre-       | 1925       | 1926       | 1927       | 1928       | 1929       | 1930       | 1931          |
|-------------------------------|-------------------|------------|------------|------------|------------|------------|------------|------------|---------------|
| Exporting Countries:          |                   | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands    |
| United States.                | Jan. 1            |            | 10,088     | 10,286     | 10,855     | 10,587     | 10,412     | 9,924      | 10,044        |
| Denmark, sows 4 months & over | July              | 283        | 290        | 391        | 396        | 344        | 434        | 580        | 631           |
| Canada.....                   | June              |            | 533        | 569        | 577        | 551        | 537        | 507        | -             |
| Argentina.....                |                   |            |            |            |            |            |            | 788        |               |
| Irish Free State              | June              | 108        | 75         | 93         | 124        | 115        | 96         | 111        | 123           |
| Sweden, sows....              | Sept.             | a/ 128     | -          | -          | 126        | -          | -          | 164        |               |
| Netherlands -                 |                   |            |            |            |            |            |            |            |               |
| Sows in farrow                | Jan.1 b/          | 201        | 214        | 239        | 232        | 229        | 201 c/     | 221        | d/ 243 to 254 |
| Poland.....                   |                   |            |            |            |            | e/ 761     |            | e/ 1,503   |               |
| Hungary .....                 | July              |            | 602        | 547        | 531        | 579        | 554        | 497        | 572           |
| New Zealand ...               | Jan.              |            | 60         | 64         | 69         | 82         | 75         | 62         | -             |
| Rumania.....                  | Jan. b/           |            | 1,042      | 1,017      | 1,086      | 1,066      | 975        | 812        | 790           |
| Yugoslavia.....               | Jan.              |            | 685        | 692        | 694        | 662        | -          | -          | -             |
| Importing countries:          |                   |            |            |            |            |            |            |            |               |
| England & Wales               | June              | 332        | 316        | 301        | 393        | 380        | 307        | 316        | 401           |
| Scotland.....                 | June              | 18         | 16         | 18         | 27         | 22         | 16         | 18         | 19            |
| North Ireland                 | June              | -          | 11         | 16         | 25         | 22         | 17         | 20         |               |
| Total.....                    | June              | -          | 343        | 335        | 445        | 424        | 340        | 354        |               |
| Germany                       |                   |            |            |            |            |            |            |            |               |
| 6 mos. to 1 yr                | Jan. b/           |            | 462        | 491        | 625        | 504        | 556        | 663        | 673           |
| 1 yr. & over                  |                   |            | 813        | 882        | 1,126      | 1,218      | 1,063      | 1,179      | 1,496         |
| Total .....                   |                   |            | 1,275      | 1,373      | 1,751      | 1,722      | 1,619      | 1,842      | f/ 2,169      |
| France .....                  | Jan. b/           | g/ 907     | 779        | 777        | 776        | 785        | 790        | 771        | -             |
| Belgium.....                  | Jan. b/           |            | 124        | 129        | 127        | 130        | 130        | 137        | 141           |
| Norway.....                   | June              |            | 41         | 41         | 39         | -          | 39         | 46         | -             |

Notes appear on next page.

Continued -

BROOD SOWS: Number in principal pork and hog exporting and importing countries reporting pre-war and 1925 to 1931, cont'd

| Country                   | Month of estimate | Pre-war    | 1925       | 1926       | 1927       | 1928       | 1929       | 1930       | 1931       |
|---------------------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                           |                   | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands | Thou-sands |
| Importing coun. cont'd    |                   |            |            |            |            |            |            |            |            |
| Finland, sows over 6 mos. | Sept.             | 39         | 40         | 43         | 43         | -          | -          | -          | -          |
| Czechoslovakia            |                   | 305        |            |            |            |            |            | 446        |            |
| Spain .....               | May               | h/ 500     |            |            |            |            | 519        |            |            |

Compiled from official sources. a/ Boars and sows. b/ Estimates reported as of December have been considered as of January 1 of following year. c/ Total brood sows according to census in May-June numbered 242,000 and estimated at 210,000 at same date of 1931. d/ Estimate based on percentage change in January 1931 over preceding year. e/ Sows ten months and over. f/ See text for September figures 1931. g/ Excluding Alsace Lorraine. h/ Census 1924.

HOGS: Estimate slaughter in exporting and importing countries, average pre-war, annual 1927 to 1930 a/, and first 10 months 1930 and 1931

(For earlier figures see Foreign Crops and Markets, Sept. 22, 1930, Sept. 16, 1929, Aug. 27, 1928, July 18, 1927, July 6, 1926, May 18, 1925, Feb. 4, 1925)

| Country                               | Average pre-war <u>b/</u> | 1927          | 1928          | 1929          | 1930          | Jan. 1-Oct. 30 1930 | 1931            |
|---------------------------------------|---------------------------|---------------|---------------|---------------|---------------|---------------------|-----------------|
|                                       | Thou-sands                | Thou-sands    | Thou-sands    | Thou-sands    | Thou-sands    | Thou-sands          | Thou-sands      |
| EXPORTING COUNTRIES <u>c/</u>         |                           |               |               |               |               |                     |                 |
| United States -                       |                           |               |               |               |               |                     |                 |
| Federal inspected .....               | 31,759                    | 43,633        | 49,795        | 48,445        | 44,266        | 35,595              | 35,168          |
| Total <u>d/</u> .....                 | 53,910                    | 69,250        | 76,593        | 74,945        | 70,380        | ---                 | ---             |
| Denmark, in export houses             | 2,503                     | 5,098         | 5,373         | 4,994         | 6,132         | 4,943               | <u>e/</u> 6,023 |
| Canada -                              |                           |               |               |               |               |                     |                 |
| Inspected .....                       | 1,619                     | 2,540         | 2,547         | 2,353         | 1,926         | 1,589               | 1,736           |
| Total .....                           | 4,280                     | 5,965         | 5,880         | 5,747         | 5,248         | ---                 | ---             |
| Poland -                              |                           |               |               |               |               |                     |                 |
| Inspected .....                       | ---                       | 2,435         | 2,976         | 2,929         | 2,976         | <u>f/</u> 686       | <u>f/</u> 1,085 |
| Total inspected and uninspected ..... | ---                       | 2,860         | 3,982         | 3,761         | 3,708         | <u>f/</u> 888       | <u>f/</u> 1,359 |
| Hungary -                             |                           |               |               |               |               |                     |                 |
| Inspected .....                       | ---                       | 1,121         | 1,220         | 1,293         | ---           | ---                 | ---             |
| Russia <u>g/</u> .....                | ---                       | 22,486        | ---           | ---           | ---           | ---                 | ---             |
| New Zealand <u>h/</u> .....           | 179                       | <u>i/</u> 498 | <u>i/</u> 517 | <u>i/</u> 530 | <u>i/</u> 490 | ---                 | ---             |

Continued -

Notes appear on page

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Estimated slaughter in exporting and importing countries, average pre-war, annual 1927 to 1930 a/, and first 10 months 1930 and 1931, cont'd.

| Country                                            | Average<br>pre-war<br><u>b/</u> | 1927            | 1928            | 1929            | 1930            | Jan. 1-<br>1930  | Oct. 30<br>1931  |
|----------------------------------------------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
|                                                    | Thou-<br>sands                  | Thou-<br>sands  | Thou-<br>sands  | Thou-<br>sands  | Thou-<br>sands  | Thou-<br>sands   | Thou-<br>sands   |
| EXPORTING COUNTRIES                                |                                 |                 |                 |                 |                 |                  |                  |
| CONT'D. <u>c/</u>                                  |                                 |                 |                 |                 |                 |                  |                  |
| Argentina -                                        |                                 |                 |                 |                 |                 |                  |                  |
| In freezing estab-<br>lishments only.....          | 15                              | 240             | 344             | 431             | 380             | <u>j/</u> 306    | <u>j/</u> 262    |
| In packing plants<br>and Liniers.....              | 97                              | 546             | 675             | 769             | 738             | 582              | 541              |
| Total, excl. farm.....                             | 136                             | --              | --              | --              | --              | --               | --               |
| Australia.....                                     | 867                             | 1,302           | 1,360           | --              | --              | --               | --               |
| For export.....                                    | --                              | 11              | 11              | 19              | 86              | <u>j/</u> 35     | 96               |
| Brazil -                                           |                                 |                 |                 |                 |                 |                  |                  |
| Total.....                                         | 839                             | --              | --              | --              | --              | --               | --               |
| In packing plants,<br>State of Sao Paulo <u>k/</u> | 177                             | 94              | 146             | 130             | 82              | --               | --               |
| Yugoslavia.....                                    | --                              | 641             | 646             | 573             | --              | --               | --               |
| Estonia -                                          |                                 |                 |                 |                 |                 |                  |                  |
| Inspected.....                                     | --                              | 136             | --              | --              | --              | --               | --               |
| Total .....                                        | --                              | 470             | 493             | 482             | --              | --               | --               |
| Bulgaria, in 13 cities                             | --                              | 49              | 50              | 45              | --              | --               | --               |
| Total .....                                        | --                              | 92              | --              | --              | --              | --               | --               |
| IMPORTING COUNTRIES                                |                                 |                 |                 |                 |                 |                  |                  |
| United Kingdom .... <u>L/</u>                      | 5,420                           | <u>m/</u> 5,675 | <u>m/</u> 6,168 | <u>m/</u> 4,759 | <u>n/</u> 4,784 | --               | --               |
| Germany -                                          |                                 |                 |                 |                 |                 |                  |                  |
| Inspected.....                                     | 16,406                          | 17,279          | 19,480          | 17,252          | 17,994          | <u>j/</u> 12,513 | <u>j/</u> 14,589 |
| Total.....                                         | 21,710                          | 21,590          | 23,791          | 19,510          | 21,985          | --               | --               |
| France, total..... <u>o/</u>                       | 7,287                           | 6,248           | 6,512           | 6,273           | <u>n/</u> 6,740 | --               | --               |
| Czechoslovakia.....                                | --                              | 3,478           | 3,840           | 3,794           | --              | --               | --               |
| Austria, in public<br>slaughter houses...          | --                              | 863             | 964             | 936             | --              | --               | --               |
| Belgium, inspected and<br>farm.....                | 1,479                           | 1,458           | 1,501           | 1,299           | 1,518           | --               | --               |
| Switzerland.....                                   | --                              | 553             | 652             | 661             | 642             | --               | --               |
| Norway..... <u>p/</u>                              | 86                              | 220             | 192             | --              | --              | --               | --               |
| Union of South Africa<br>at slaughter houses       | --                              | 222             | 218             | 204             | --              | --               | --               |

tes appear on next page.

Continued

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

HOGS: Estimated slaughter in exporting and importing countries, average pre-war, annual 1927 to 1930 a/, and first 10 months 1930 and 1931, cont'd.

a/ Countries arranged in order of importance as exporting or importing countries. b/ Average for 5 years immediately preceding the war whenever available. c/ No data available on slaughtering in China which exported 12,019,000 pounds in 1929. d/ Estimates of the Bureau of Animal Industry. e/ Estimate based on weekly reports. f/ First quarter. g/ Fiscal year ending 1927. h/ Years ending March 31 following. i/ Includes 41,601 hogs slaughtered on farms in 1926-27, 42,836 in 1927-28, 46,391 in 1928-29 and 44,000 for 1929-30, and an estimate of 41,000 for 1930-31. j/ Nine months only. k/ Year 1916. l/ For years ending May 30 following. m/ Estimates based on official method of estimating as published in the Agricultural Output for England and Wales 1925. n/ Preliminary. o/ Pre-war average estimate of Dr. Louis G. Michael. Subsequent years based on method used by Dr. Michael in United States Department of Agriculture technical Bulletin #37, Agricultural Survey of Europe - France. p/ Includes Danish and Swedish animals slaughtered in Norway.

PORK: Estimated production in exporting and importing countries, average pre-war, annual 1927 to 1930 a/, and Jan. 1 - Oct. 30, 1930 and 1931.

(See note at head of slaughter table)

| Country                                  | Average<br>pre-war<br><u>b/</u> | 1927                           | 1928                           | 1929                           | 1930                           | Jan. 1 - Oct. 30<br>1930       | 1931                           |
|------------------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| EXPORTING COUNTRIES                      | Million<br><u>c/</u><br>pounds  | Million<br><u>d/</u><br>pounds | Million<br><u>e/</u><br>pounds | Million<br><u>f/</u><br>pounds | Million<br><u>g/</u><br>pounds | Million<br><u>h/</u><br>pounds | Million<br><u>i/</u><br>pounds |
| United States                            |                                 |                                |                                |                                |                                |                                |                                |
| Federal inspected                        | 4,611                           | 7,052                          | 7,818                          | 7,674                          | 6,921                          | 6,254                          | 6,254                          |
| Total.....                               | 7,844                           | 10,889                         | 11,981                         | 11,821                         | 11,009                         | --                             | --                             |
| Denmark, in export<br>houses .....       | 370                             | 755                            | 794                            | <u>f/</u> 739                  | <u>f/</u> 907                  | <u>f/</u> 732                  | <u>f/</u> 891                  |
| Canada -                                 |                                 |                                |                                |                                |                                |                                |                                |
| Inspected .....                          | 248                             | 361                            | 362                            | 334                            | 274                            | 226                            | 244                            |
| Total.....                               | 467                             | 847                            | 835                            | 816                            | 745                            | --                             | --                             |
| Sweden, in factories                     | --                              | 89                             | 85                             | 81                             | --                             | --                             | --                             |
| Poland, inspected..                      | --                              | 585                            | <u>g/</u> 655                  | <u>g/</u> 729                  | <u>g/</u> 774                  | <u>g/h/</u> 231                | <u>g/h/</u> 353                |
| Russia .....                             | --                              | 2,687                          | --                             | --                             | --                             | --                             | --                             |
| New Zealand.....                         | 23                              | <u>k/</u> 60                   | <u>k/</u> 62                   | <u>k/</u> 64                   | <u>k/</u> 59                   | <u>l/</u> 32                   | <u>l/</u> 16                   |
| Argentina -                              |                                 |                                |                                |                                |                                |                                |                                |
| In freezing est.<br>alone.....           | 2                               | 38                             | 50                             | 62                             | 62                             | <u>m/</u> 50                   | <u>m/</u> 47                   |
| In packing plants<br>and Liniers.....    | 15                              | 87                             | 98                             | 129                            | 120                            | <u>m/</u> 95                   | <u>m/</u> 97                   |
| Australia.....                           | 49                              | 75                             | 74                             | 73                             | --                             | --                             | --                             |
| Brazil -                                 |                                 |                                |                                |                                |                                |                                |                                |
| Total.....                               | 118                             | --                             | --                             | --                             | --                             | --                             | --                             |
| In packing plants,<br>State of Sao Paulo | <u>o/</u> 3                     | 16                             | 25                             | 22                             | 14                             | --                             | --                             |

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

PORK: Estimated production in exporting and importing countries, average pre-war, annual 1927 to 1930 a/ and Jan. 1 - Oct. 30, 1930 and 1931, cont'd.

| Country                              | Average<br>pre-war<br><u>b/</u> | 1927          | 1928          | 1929          | 1930          | Jan. 1 - Oct. 30 |                 |
|--------------------------------------|---------------------------------|---------------|---------------|---------------|---------------|------------------|-----------------|
|                                      |                                 |               |               |               |               | 1930             | 1931            |
| EXPORTING COUNTRIES                  | Million                         | Million       | Million       | Million       | Million       | Million          | Million         |
| CONT'D                               | <u>pounds</u>                   | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u>    | <u>pounds</u>   |
| Estonia -                            |                                 |               |               |               |               |                  |                 |
| Inspected.....                       | --                              | 27            | --            | --            | --            | --               | --              |
| Total.....                           | --                              | 94            | 98            | 92            | --            | --               | --              |
| Bulgaria, in 13 cities               | 5                               | 8             | 7             | 7             | --            | --               | --              |
| Total.....                           | --                              | 15            | --            | --            | --            | --               | --              |
| IMPORTING COUNTRIES                  |                                 |               |               |               |               |                  |                 |
| United Kingdom... <u>p/</u>          | 862                             | <u>f/</u> 907 | <u>f/</u> 987 | <u>f/</u> 761 | <u>f/</u> 765 | <u>q/</u> 46     | <u>q/</u> 58    |
| Germany -                            |                                 |               |               |               |               |                  |                 |
| Inspected.....                       | 3,068                           | 3,421         | 3,779         | 3,416         | 3,617         | <u>m/</u> 2,521  | <u>m/</u> 2,759 |
| Total.....                           | 4,060                           | 4,275         | 4,615         | 3,863         | 4,401         | --               | --              |
| France, total <u>r/</u> ...          | 1,789                           | 1,460         | 1,509         | 1,448         | 1,564         | --               | --              |
| Czechoslovakia <u>s/</u>             | --                              | 463           | 513           | 503           | --            | --               | --              |
| Belgium, inspected                   |                                 |               |               |               |               |                  |                 |
| and farm.....                        | 296                             | 293           | 312           | 275           | 322           | --               | --              |
| Norway..... <u>t/</u>                | 16                              | 37            | 32            | --            | --            | --               | --              |
| Union of South Africa..... <u>u/</u> | --                              | 7             | 7             | 7             | --            | --               | --              |

a/ Countries arranged in order of importance as exporting or importing countries. b/ Average for 5 years immediately preceding the war whenever available. c/ No data available on China which exported 12,019,000 pounds in 1929. d/ Lard included, to be comparable with other estimates in this table. Lard alone was estimated as follows in millions of pounds: Federal inspected, pre-war 932; 1927, 1,557; 1928, 1,750; 1929, 1,763; total pre-war 1,584; 1927, 2,356; 1928, 2,594; 1929, 2,598; 1930, 2,344. e/ Estimates of the Bureau of Animal Industry. f/ Estimated by multiplying number slaughtered by an average dressed weight. g/ Multiplied slaughter by official average dressed weight for 1927, 1929 and 1930. h/ First quarter. i/ Officially estimated for fiscal year ending 1927. j/ Years ending March 31, following. k/ Includes 5,408,000 pounds produced on farms in 1926-27; 5,140,000 pounds in 1927-28; 5,567,000 pounds in 1928-29; 5,240,000 in 1929-30 and estimate of 4,920,000 for 1930-31. l/ Exports, first 8 months. m/ Nine months. n/ Bacon and hams only. o/ Multiplied by average dressed weight reported for 1919 and 1920. p/ For years ending May 31 following. q/ January-October receipts of British and Irish pork and bacon at London Central Markets. r/ Pre-war average estimate of Dr. Louis G. Michael. Subsequent years based on method used by Dr. Michael in United States Department of Agriculture technical Bulletin #37, Agricultural Survey of Europe-France. s/ Lard alone estimated as follows in millions of pounds: 1927, 106; 1928, 112; 1929, 111. t/ Includes meat from Swedish and Danish animals slaughtered in Norway. u/ Factory production of bacon and hams alone.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

United States

Hog numbers on farms in the United States are now larger than last year but are smaller than the 5-year average. Feed supplies in the hog producing States are more plentiful and more evenly distributed than last year. For most of the summer and autumn months of 1931 both hog and corn prices were weakening with corn prices declining more than hog prices. In November, however, Chicago hog prices averaged 46 per cent below November 1930, with corn down only 40 per cent. Hog slaughter during the calendar year 1931 was the smallest in 4 years, apparently marking the end of a cycle in market supplies which began with 1927 and reached its peak in 1929. The first evidence of expansion in American hog production since 1927 was revealed by the 1931 June pig survey.

"Hog numbers (in the United States) have been decreasing since 1928", according to "The 1931-32 HOG OUTLOOK" released September 14, 1931 by the Bureau of Agricultural Economics. "Between January 1 of that year and January 1, 1931, numbers decreased 8,294,000 head or 13.7 per cent. Of this reduction, 4,525,000 head or 54.6 per cent occurred in areas outside of the Corn Belt. The decrease in the Corn Belt amounted to 3,769,000 head, but more than three-fourths of the reduction in this area occurred in the five States east of the Mississippi River. The tendency to expand hog production in the Western Corn Belt States has been very marked since the World War, and on January 1, 1931 this group of States had 56.4 per cent of the total hogs in the country, whereas in 1920 they had only 36.6 per cent of the total.

"Low prices of food and indications of a much larger corn crop than that of last year along with a restricted credit supply available for expanding cattle and sheep feeding operations are the principal factors which have caused hog producers to make plans for expanding hog production this year. The hog situation so far in 1931 has been similar in many respects to that of 1921. At that time business activity was at an unusually low level, and the domestic demand for pork products had been greatly reduced. Although hog prices were low, corn prices were relatively lower and the corn-hog ratio was favorable for hog-feeding".

The June survey indicated an increase of 2.5 per cent in the 1931 spring pig crop and a prospective increase in the number of sows to farrow in the fall of 1931. If the fall pig crop increased as much as the June survey indicated from breeding intentions, it would be the largest increase since the fall of 1922. Inspected slaughter of hogs during the first 11 months of 1931 was about the same as that of the corresponding 1930 period, and 11.3 per cent less than in the 1929 period. Hogs averaged somewhat heavier in 1931 than in 1930.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Increased pork production and reduced consumer purchasing power in Europe have been important factors in cutting down the export movement of American pork products. See tables, pages 1029 to 1031. During the year ended June 30, 1931, all countries except the United Kingdom took less American lard than in the preceding year. Total exports were 25.5 per cent under the 1929-30 level and were considerably under the average of recent years. In more recent months of 1931, the decline below last year has been even more marked, especially in exports of lard to Germany.

In cured pork exports, the 1930-31 declines have been more drastic than in lard, all countries taking materially smaller quantities, including the United Kingdom, the leading importer of American pork products. Bacon exports for the 12 months ended June 30, 1931 were 60.9 per cent smaller than last year; hams and shoulders were down 23.0 per cent; pickled pork dropped 40.7 per cent and fresh pork exports were down 42.1 per cent. Of the four meat items cited, fresh pork was the only one wherein 1930-31 exports exceeded those of 1912-13, a representative pre-war year. Materially larger exports to the United Kingdom are the leading cause of the post-war increase.

## UNITED STATES: Monthly inspected slaughter of hogs, 1925 to 1931

| Monthly    | 1925           | 1926           | 1927           | 1928           | 1929           | 1930           | 1931           |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | <u>1,000's</u> | <u>1,000's</u> | <u>1,000's</u> | <u>1,000's</u> | <u>1,000's</u> | <u>1,000's</u> | <u>1,000's</u> |
| Jan. ....  | 5,979          | 4,501          | 4,514          | 5,479          | 5,738          | 5,001          | 5,362          |
| Feb. ....  | 4,447          | 3,351          | 3,395          | 5,780          | 4,478          | 4,034          | 4,142          |
| Mar. ....  | 3,299          | 3,562          | 3,837          | 5,140          | 3,645          | 3,392          | 3,523          |
| Apr. ....  | 3,037          | 3,105          | 3,330          | 3,446          | 3,761          | 3,480          | 3,488          |
| May ....   | 3,186          | 3,131          | 3,766          | 3,834          | 3,798          | 3,823          | 3,408          |
| June ....  | 3,732          | 3,430          | 4,253          | 4,078          | 4,756          | 3,689          | 3,251          |
| July ....  | 2,819          | 3,127          | 3,431          | 2,984          | 3,597          | 3,187          | 2,767          |
| Aug. ....  | 2,453          | 2,834          | 3,050          | 2,545          | 3,130          | 2,724          | 2,500          |
| Sept. .... | 2,598          | 2,616          | 2,534          | 2,508          | 3,104          | 2,773          | 2,955          |
| Oct. ....  | 3,314          | 2,976          | 2,969          | 3,713          | 3,857          | 3,492          | 3,772          |
| Nov. ....  | 3,646          | 3,610          | 3,688          | 4,455          | 4,499          | 4,024          | 4,218          |
| Dec. ....  | 4,533          | 4,394          | 4,869          | 5,782          | 5,083          | 4,647          |                |
| Total .... | 43,043         | 40,637         | 43,636         | 49,794         | 48,446         | 44,866         |                |

Bureau of Agricultural Economics, "Crops and Markets."

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D.

UNITED STATES: Monthly average price per 100 pounds of hogs at Chicago, basis of packers' and shippers' quotations, 1925 to 1931

| Month     | 1925           | 1926           | 1927           | 1928           | 1929           | 1930           | 1931           |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> |
| Jan. .... | 10.38          | 12.02          | 11.96          | 8.25           | 9.22           | 9.78           | 7.65           |
| Feb. .... | 11.06          | 12.45          | 11.73          | 7.99           | 10.19          | 10.67          | 7.06           |
| Mar. .... | 13.55          | 12.20          | 11.28          | 8.08           | 11.44          | 10.17          | 7.46           |
| Apr. .... | 12.55          | 12.33          | 10.69          | 9.28           | 11.41          | 10.00          | 7.26           |
| May ....  | 12.06          | 13.55          | 9.59           | 9.62           | 10.81          | 10.02          | 6.53           |
| June .... | 12.57          | 14.01          | 8.78           | 10.04          | 10.72          | 9.52           | 6.36           |
| July .... | 13.46          | 12.51          | 9.05           | 10.65          | 11.20          | 8.73           | 6.33           |
| Aug. .... | 12.66          | 11.48          | 9.03           | 11.53          | 10.52          | 9.58           | 5.98           |
| Sep. .... | 12.52          | 12.03          | 10.22          | 12.14          | 9.89           | 9.76           | 5.41           |
| Oct. .... | 11.31          | 12.72          | 10.39          | 9.57           | 9.38           | 9.34           | 5.09           |
| Nov. .... | 11.28          | 11.80          | 8.92           | 8.83           | 9.06           | 8.55           | 4.61           |
| Dec. .... | 10.97          | 11.57          | 8.32           | 8.61           | 9.34           | 7.92           |                |

Bureau of Agricultural Economics, "Crops and Markets."

UNITED STATES: Monthly average cash price of No. 3 Yellow Corn per 100 pounds at Chicago, 1925 to 1931

| Month      | 1925           | 1926           | 1927           | 1928           | 1929           | 1930           | 1931           |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> | <u>Dollars</u> |
| Jan. ....  | 2.21           | 1.41           | 1.32           | 1.59           | 1.66           | 1.52           | 1.16           |
| Feb. ....  | 2.18           | 1.34           | 1.30           | 1.70           | 1.68           | 1.46           | 1.09           |
| Mar. ....  | 2.09           | 1.29           | 1.21           | 1.80           | 1.68           | 1.43           | 1.07           |
| Apr. ....  | 1.87           | 1.45           | 1.45           | 1.89           | 1.61           | 1.46           | 1.04           |
| May ....   | 2.05           | 1.45           | 1.55           | 1.93           | 1.55           | 1.41           | 1.00           |
| June ....  | 2.02           | 1.25           | 1.77           | 1.84           | 1.62           | 1.41           | 1.04           |
| July ....  | 1.93           | 1.39           | 1.82           | 1.89           | 1.77           | 1.46           | 1.05           |
| Aug. ....  | 1.82           | 1.43           | 1.95           | 1.82           | 1.80           | 1.77           | .82            |
| Sept. .... | 1.62           | 1.41           | 1.73           | 1.79           | 1.80           | 1.68           | .75            |
| Oct. ....  | 1.46           | 1.37           | 1.50           | 1.72           | 1.70           | 1.57           | .68            |
| Nov. ....  | 1.48           | 1.45           | 1.50           | 1.50           | 1.57           | 1.27           | .76            |
| Dec. ....  | 1.36           | 1.34           | 1.54           | 1.48           | 1.57           | 1.23           |                |

Bureau of Agricultural Economics, "Crops and Markets."

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

UNITED STATES: Monthly average price per 100 pounds of refined  
lard at Chicago, 1925 to 1931

| Month     | 1925    | 1926    | 1927    | 1928    | 1929    | 1930    | 1931    |
|-----------|---------|---------|---------|---------|---------|---------|---------|
|           | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| January   | 17.59   | 16.81   | 13.59   | 12.50   | 12.75   | 11.45   | 9.62    |
| February  | 17.03   | 16.44   | 13.72   | 11.60   | 12.75   | 12.38   | 8.94    |
| March     | 18.25   | 16.70   | 14.38   | 11.50   | 13.31   | 12.12   | 10.00   |
| April     | 17.07   | 16.75   | 14.32   | 12.50   | 13.25   | 11.50   | 10.00   |
| May       | 16.50   | 17.13   | 14.12   | 13.10   | 12.85   | 11.50   | 9.50    |
| June      | 18.13   | 18.48   | 13.35   | 13.50   | 12.85   | 11.00   | 9.53    |
| July      | 18.42   | 18.00   | 12.25   | 14.00   | 13.23   | 10.50   | 8.65    |
| August    | 18.94   | 17.38   | 12.54   | 14.70   | 13.56   | 12.44   | 8.32    |
| September | 18.95   | 17.50   | 14.25   | 15.25   | 13.81   | 14.25   | 9.00    |
| October   | 18.75   | 16.75   | 14.50   | 14.40   | 13.17   | 13.94   | 8.58    |
| November  | 18.50   | 15.75   | 13.60   | 13.62   | 12.21   | 12.31   | 8.47    |
| December  | 16.17   | 15.25   | 13.25   | 12.88   | 11.94   | 10.70   |         |

Bureau of Agricultural Economics "Crops and Markets."

UNITED STATES: Exports of lard by countries, 1912-13,  
annual 1926-1927 to 1930-31 a/

| Country to<br>which exported | Year ended June 30 |                 |                 |                 |                 |                    |
|------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|--------------------|
|                              | 1912-13            | 1926-27         | 1927-28         | 1928-29         | 1929-30         | 1930-31<br>Prelim. |
|                              | 1,000<br>pounds    | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds    |
| Belgium.....                 | 18,762             | 12,718          | 14,541          | 14,841          | 18,700          | 9,406              |
| Denmark.....                 | 1,812              | 3,076           | 2,487           | 2,381           | 2,403           | 962                |
| Germany.....                 | 160,862            | 174,621         | 176,771         | 195,695         | 180,074         | 107,317            |
| Italy.....                   | 6,106              | 7,642           | 20,384          | 29,200          | 19,865          | 6,064              |
| Netherlands.....             | 43,384             | 46,071          | 35,784          | 36,992          | 48,584          | 26,478             |
| United Kingdom.....          | 168,380            | 222,086         | 233,564         | 229,899         | 240,147         | 256,330            |
| Other Europe.....            | 21,176             | 23,162          | 35,657          | 46,689          | 53,628          | 13,812             |
| Total Europe.....            | 420,484            | 489,376         | 519,188         | 555,697         | 563,401         | 420,369            |
| Canada.....                  | 11,080             | 14,888          | 16,172          | 17,864          | 15,112          | 12,224             |
| Cuba.....                    | 46,526             | 79,599          | 78,469          | 84,316          | 79,360          | 49,004             |
| Mexico.....                  | 8,468              | 41,963          | 52,425          | 58,728          | 63,531          | 67,491             |
| Other countries.....         | 32,467             | 49,936          | 50,144          | 64,309          | 60,256          | 36,561             |
| Total.....                   | 519,025            | 675,812         | 716,398         | 780,914         | 787,160         | 585,649            |

Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation  
of the United States, 1913: Monthly Summary of Foreign Commerce of the United  
States, January and June issues, 1928-1931, and official records of the Bureau  
of Foreign and Domestic Commerce. a/ Excludes neutral lard.

THE WORLD SITUATION IN HOGS AND PORK, CONT'D

UNITED STATES: Exports of bacon by countries, 1912-13, annual  
1926-27 to 1930-31 a/

| Country to<br>which exported | Year ended June 30     |                        |                        |                        |                        | 1930-31<br>Prelim.     |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                              | 1912-13                | 1926-27                | 1927-28                | 1928-29                | 1929-30                |                        |
|                              | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> |
| Belgium .....                | 9,141                  | 3,415                  | 1,737                  | 2,146                  | 4,699                  | 374                    |
| France .....                 | 2,097                  | 870                    | 473                    | 358                    | 697                    | 77                     |
| Germany .....                | 3,434                  | 6,818                  | 9,838                  | 5,982                  | 8,468                  | 1,151                  |
| Italy .....                  | 11,781                 | 1,439                  | 8,113                  | 15,106                 | 8,289                  | 764                    |
| Netherlands .....            | 7,639                  | 2,502                  | 632                    | 1,198                  | 2,959                  | 61                     |
| Norway .....                 | 4,054                  | 2,422                  | 3,244                  | 2,742                  | 2,642                  | 712                    |
| United Kingdom ...           | 138,133                | 68,220                 | 50,127                 | 53,364                 | 57,443                 | 26,203                 |
| Other Europe .....           | 7,992                  | 12,875                 | 25,340                 | 22,339                 | 21,192                 | 6,070                  |
| Total Europe .....           | 184,271                | 98,561                 | 99,554                 | 103,235                | 106,389                | 35,412                 |
| Canada .....                 | 6,868                  | 4,584                  | 5,173                  | 5,769                  | 5,617                  | 2,383                  |
| Cuba .....                   | 6,658                  | 21,070                 | 19,107                 | 16,698                 | 17,253                 | 12,399                 |
| Other countries ..           | 3,197                  | 3,328                  | 3,133                  | 3,546                  | 3,708                  | 2,213                  |
| Total .....                  | 200,994                | 127,543                | 126,967                | 129,248                | 132,987                | 52,412                 |

Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States, 1913; Monthly Summary of Foreign Commerce of the United States, January and June issues, 1928-1931 and official records of the Bureau of Foreign and Domestic Commerce.

a/ Includes Cumberland sides.

UNITED STATES: Exports of hams and shoulders, by countries,  
1912-13, annual 1926-27 to 1930-31 a/

| Country to<br>which exported | Year ended June 30     |                        |                        |                        |                        | 1930-31<br>Prelim.     |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                              | 1912-13                | 1926-27                | 1927-28                | 1928-29                | 1929-30                |                        |
|                              | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> | 1,000<br><u>pounds</u> |
| Belgium .....                | 5,822                  | 451                    | 660                    | 1,003                  | 2,136                  | 1,464                  |
| France .....                 | 316                    | 107                    | 87                     | 53                     | 366                    | 73                     |
| Netherlands .....            | 131                    | 208                    | 184                    | 199                    | 14                     | 1                      |
| United Kingdom ....          | 134,017                | 124,391                | 104,030                | 100,959                | 103,169                | 81,294                 |
| Other Europe .....           | 560                    | 1,109                  | 1,575                  | 1,772                  | 785                    | 162                    |
| Total Europe .....           | 140,846                | 126,266                | 106,526                | 103,226                | 106,470                | 82,994                 |
| Canada .....                 | 6,785                  | 4,803                  | 5,134                  | 3,309                  | 11,370                 | 5,895                  |
| Cuba .....                   | 6,002                  | 6,548                  | 8,167                  | 7,435                  | 5,053                  | 4,272                  |
| Mexico .....                 | 782                    | 716                    | 728                    | 695                    | 692                    | 505                    |
| Panama .....                 | 1,029                  | 655                    | 976                    | 884                    | 1,036                  | 904                    |
| Other countries ...          | 4,101                  | 4,661                  | 5,238                  | 6,037                  | 5,696                  | 5,179                  |
| Total .....                  | 159,545                | 143,649                | 127,819                | 125,396                | 130,317                | 99,749                 |

Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States, 1913; Monthly Summary of Foreign Commerce of the United States, January and June issues, 1928-1931 and official records of the Bureau of Foreign and Domestic Commerce.

a/ Includes Wiltshire sides.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

UNITED STATES: Exports of pork, pickled, by countries,  
1912-13, annual 1926-27 to 1930-31

| Country to<br>which exported | Year ended June 30 |                 |                 |                 |                 | 1930-31<br>Prelim. |
|------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|--------------------|
|                              | 1912-13            | 1926-27         | 1927-28         | 1928-29         | 1929-30         |                    |
|                              | 1,000<br>pounds    | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds    |
| Belgium .....                | 458                | 115             | 71              | 213             | 383             | 39                 |
| Norway .....                 | 261                | 394             | 722             | 854             | 799             | 364                |
| United Kingdom ....          | 14,620             | 3,857           | 5,184           | 7,608           | 5,094           | 2,945              |
| Other Europe .....           | 1,381              | 435             | 1,039           | 1,573           | 1,139           | 377                |
| Total Europe ....            | 17,220             | 4,801           | 7,016           | 10,248          | 7,415           | 3,725              |
| Canada .....                 | 9,437              | 5,900           | 7,056           | 8,596           | 11,211          | 4,356              |
| Panama .....                 | 1,438              | 332             | 398             | 240             | 395             | 221                |
| Newfoundland & Lab.          | 5,373              | 3,532           | 3,734           | 4,530           | 4,792           | 3,681              |
| Haiti .....                  | 2,626              | 917             | 1,055           | 838             | 719             | 544                |
| Cuba .....                   | 9,141              | 7,760           | 7,626           | 10,550          | 9,798           | 4,862              |
| Other countries ...          | 8,214              | 4,820           | 4,765           | 4,904           | 5,479           | 3,729              |
| Total .....                  | 53,749             | 27,962          | 31,650          | 39,906          | 39,809          | 21,118             |

Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States, 1913; Monthly Summary of Foreign Commerce of the United States, January and June issues, 1928-1931 and official records of the Bureau of Foreign and Domestic Commerce.

UNITED STATES: Exports of pork, fresh, by countries,  
1912-13, annual 1926-27 to 1930-31

| Country to<br>which exported | Year ended June 30 |                 |                 |                 |                 | 1930-31<br>Prelim. |
|------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|--------------------|
|                              | 1912-13            | 1926-27         | 1927-28         | 1928-29         | 1929-30         |                    |
|                              | 1,000<br>pounds    | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds    |
| France .....                 | ---                | 41              | 27              | 22              | 124             | 57                 |
| Italy .....                  | 0                  | 0               | 731             | 2,183           | 2,289           | 198                |
| United Kingdom ....          | 758                | 7,128           | 6,418           | 4,547           | 10,527          | 8,098              |
| Other Europe .....           | ---                | 241             | 214             | 303             | 1,272           | 209                |
| Total Europe ....            | 758                | 7,410           | 7,420           | 7,062           | 14,212          | 8,562              |
| Canada .....                 | 580                | 590             | 796             | 532             | 1,091           | 410                |
| Cuba .....                   | 99                 | 1,763           | 1,557           | 1,732           | 1,618           | 424                |
| Other countries ..           | 1,021              | 1,117           | 1,287           | 1,265           | 1,847           | 1,697              |
| Total .....                  | 2,458              | 10,880          | 11,060          | 10,641          | 18,768          | 11,093             |

Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States, 1913; Monthly Summary of Foreign Commerce of the United States, January and June issues, 1928-1931 and official records of the Bureau of Foreign and Domestic Commerce.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Canada

Reports from different sections of Canada indicated an increase in the 1931 spring pig crop. No estimate of total hog numbers, however, is available for 1931. The number of hogs in Canada in June 1930 was 4,000,000, the lowest number reported since 1922. The record number of 5,069,000 was reported in 1924.

Since June 1931, hog supplies in Canada, as represented by gradings at stock yards and packing plants, have been running heavier than last year, showing an increase of 8 per cent for the first 11 months of 1931 compared with the corresponding period of last year, when the supply was short. Inspected slaughter for the same period this year is estimated to be 9 per cent above 1930. The increase in marketings during recent months has created a surplus, states the Canadian government report for October and the export trade with Great Britain has once more been resumed in a fairly regular way. However, the total exports of pork and bacon to that country for the first 10 months of 1931 were only about half as large as those of the same period of 1930. Exports of pork and bacon to the United States during the same period amounted to only 25 per cent of the corresponding 1930 period. Live hog exports to this country, however, were above last year's total, amounting to 1,171 compared with only 113 during the same period of 1930. This is a very small number compared with the 195,000 sent to this country in 1927. In addition, that year, about 20,000,000 pounds of Canadian pork and bacon entered this country. See tables, page 1034.

Canada's imports of pork products from the United States increased each year from 1927 to 1930 but the first 10 months of 1931 showed a falling off to less than a fourth of the quantity imported in the same period of 1930. Stocks of pork in cold storage in Canada on November 1 amounted to 21,224,000 pounds, an increase of 27 per cent above the same period of 1930 when the supply was unusually low.

The market supply of hogs in 1930, as represented by gradings was only 2,341,000 compared with 2,723,000 in 1929 and an average of 2,828,000 for the preceding 16 years. See table, page 1033. The yearly weighted average price per 100 pounds at all stock yards was \$11.10 or 10 cents below the average for 1929. The strongest price making factor was the shortage of supplies, states the Canadian Government Report. The 1931 price level has been materially below the 1930 average. The total slaughter of hogs during 1930 was 5,248,000 or 9 per cent below 1929 while the quantity of pork produced was only 745 million pounds. In 1924, production reached the record quantity of 941 million pounds. Per capita consumption of pork in 1930 was estimated at 75 pounds compared with 82 pounds in 1929 and 90 pounds in 1924.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

CANADA: Hog gradings at stock yards and packing plants, 1928-1930,  
10 months, 1930 and 1931

| Kind               | 1928      | 1929      | 1930      | 10 months |           |
|--------------------|-----------|-----------|-----------|-----------|-----------|
|                    |           |           |           | 1930      | 1931      |
|                    | Number    | Number    | Number    | Number    | Number    |
| Select bacon.....  | 479,412   | 442,309   | 361,219   | 298,389   | 316,073   |
| Bacon.....         | a/        | 296,250   | 838,135   | 676,284   | 796,132   |
| Butchers.....      | a/        | 286,967   | 776,338   | 630,420   | 652,852   |
| Thick smooth.....  | 1,735,929 | 1,141,624 | a/        | a/        | a/        |
| Heavies.....       | 102,862   | 124,600   | 64,926    | 52,093    | 66,102    |
| Extra heavies..... | 19,249    | 29,042    | 20,842    | 18,483    | 22,748    |
| Shop hogs.....     | 280,921   | 136,729   | a/        | a/        | a/        |
| Lights and feeders | 119,579   | 154,941   | 202,312   | 176,397   | 152,567   |
| No. 1 sows.....    | 43,554    | 46,061    | 29,637    | 27,134    | 32,489    |
| No. 2 sows.....    | 49,087    | 54,431    | 40,172    | 34,991    | 24,216    |
| Roughs.....        | 4,043     | 3,777     | 2,422     | 2,092     | 2,166     |
| Stags.....         | 5,514     | 6,157     | 4,733     | 4,259     | 2,296     |
| Total.....         | 2,840,150 | 2,722,888 | 2,340,736 | 1,920,546 | 2,067,641 |

Live Stock Market and Meat Trade Review, 1930 and October 1931.

a/ Bacon and butcher grades became effective September 16, 1929 and thick smooth and shop grades were discontinued on the same date.

CANADA: Number of hogs on hand and exports to live hogs, years  
1923-1930, January-Oct. 1930 and 1931

| Year ended<br>December 31 | Number on<br>hand June 15 | Live hogs exported      |                     |         |
|---------------------------|---------------------------|-------------------------|---------------------|---------|
|                           |                           | To the<br>United States | To Great<br>Britain | Total.  |
|                           | Number                    | Number                  | Number              | Number  |
| 1923.....                 | 4,405,316                 | 329                     | --                  | 1,554   |
| 1924.....                 | 5,069,181                 | 26,395                  | --                  | 28,107  |
| 1925.....                 | 4,426,148                 | 87,594                  | --                  | 89,323  |
| 1926.....                 | 4,359,582                 | 82,956                  | 1,412               | 85,972  |
| 1927.....                 | 4,694,789                 | 194,657                 | --                  | 197,106 |
| 1928.....                 | 4,497,367                 | 20,661                  | 4                   | 23,263  |
| 1929.....                 | 4,381,725                 | 2,013                   | --                  | 3,942   |
| 1930.....                 | 3,999,934                 | 137                     | --                  | 2,324   |
| January-October:          |                           |                         |                     |         |
| 1930.....                 | --                        | 113                     | --                  | 2,153   |
| 1931.....                 | --                        | 1,171                   | --                  | 3,325   |

Bureau of Agricultural Economics, Division of Statistical and Historical Research.  
Livestock Market and Meat Trade Review, 1923, page 57; 1928, 1929 and 1930,  
page 61 and October 1931. For earlier figures back to 1914 see Foreign Crops  
and Markets, September 22, 1930, page 411.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

CANADA: Monthly average price of bacon hogs at Toronto, September, 1929 to October 1931

| Month           | 1929            | 1930            | 1931            |
|-----------------|-----------------|-----------------|-----------------|
|                 | \$ per 100 lbs. | \$ per 100 lbs. | \$ per 100 lbs. |
| January .....   | a/              | 13.31           | 10.19           |
| February .....  | a/              | 14.09           | 8.63            |
| March .....     | a/              | 13.50           | 7.92            |
| April .....     | a/              | 13.00           | 8.47            |
| May .....       | a/              | 12.13           | 8.25            |
| June .....      | a/              | 12.42           | 8.56            |
| July .....      | a/              | 12.22           | 9.07            |
| August .....    | a/              | 12.05           | 7.29            |
| September ..... | 12.71           | 12.21           | 5.99            |
| October .....   | 12.21           | 11.66           | 5.74            |
| November .....  | 11.52           | 10.84           |                 |
| December .....  | 11.94           | 10.45           |                 |

Bureau of Agricultural Economics, Division of Statistical and Historical Research. Compiled from Livestock and Meat Trade Review and Price and Price Indexes.

a/ Bacon grade became effective September 16, 1929.

CANADA: Yearly weighted average price per 100 pounds of all hogs sold at stock yards 1926 to 1930

| Stock yard        | 1926              | 1927              | 1928              | 1929              | 1930              |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                   | \$ per 100 pounds | \$ per 100 pounds | \$ per 100 pounds | \$ per 100 pounds | \$ per 100 pounds |
| Toronto .....     | 13.50             | 10.35             | 10.45             | 12.20             | 12.25             |
| Montreal .....    | 13.30             | 10.50             | 10.80             | 12.45             | 11.85             |
| Winnipeg .....    | 12.00             | 9.35              | 9.05              | 10.60             | 10.60             |
| Calgary .....     | 12.50             | 10.20             | 9.05              | 10.60             | 10.55             |
| Edmonton .....    | 11.95             | 9.95              | 9.25              | 10.35             | 10.40             |
| Prince Albert ... | 11.65             | 9.00              | 9.20              | 10.40             | 10.20             |
| Moose Jaw .....   | 12.10             | 9.45              | 8.90              | 10.15             | 10.15             |
| Saskatoon .....   | --                | --                | 9.05              | 10.30             | 9.95              |
| All yards ....    | 12.65             | 9.95              | 9.80              | 11.20             | 11.10             |

Bureau of Agricultural Economics, Division of Statistical and Historical Research. Livestock Market and Meat Trade Review, 1930, page 58.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Principal Foreign Exporting CountriesDenmark

The number of hogs in Denmark in July 1931 was the largest on record reaching 5,435,000 according to the revised estimate an increase of 12 per cent over 1930. There has been an upward trend in hog numbers since 1928. The previous high level was reached in 1927 when 3,731,000 were reported. Brood sows numbered 631,000 in 1931, an increase of 9 per cent over 1930. Of the above number 437,000 were reported in farrow in 1931 compared with 390,000 in 1930, 310,000 in 1929 and an average of 243,000 for the 5 years preceding 1929.

Danish pork production and export has reached record proportions so far for the year 1931. The number of hogs slaughtered during the first 10 months of the year is estimated at approximately 6 million, an increase of 22 per cent over last year for the same period. Slaughtering already this year have exceeded those of the entire year 1927, the previous record year.

Exports of bacon for this year up to November 6, 1931 reached 686 million pounds, an increase of 23 per cent over the same period of 1930. Of this amount 679 million pounds went to England compared with 558 million pounds in 1930. This year exports to Germany increased to 42,000 pounds compared with only 4,000 pounds in 1930. For the year 1930 Denmark exported 675 million pounds of bacon, an increase of 24 per cent over 1929. During the 5 years preceding exports averaged 483 million pounds. Fresh pork exports for the year 1930 amounted to 24,681,000 pounds, an increase of 15 per cent over 1928 and 1929. In 1927 fresh pork exports reached 29 million pounds and in 1923, 30 million pounds. The fresh pork as well as live hogs go principally to Germany. In 1930 the export of live hogs reached 62,000 compared with 51,000 in 1929 and an average of 42,000 for the years 1926-1930.

DENMARK: Total bacon exports, by months, 1925 to 1931

| Month       | 1925          | 1926          | 1927          | 1928          | 1929          | 1930          | 1931          |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|             | 1,000         | 1,000         | 1,000         | 1,000         | 1,000         | 1,000         | 1,000         |
|             | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> | <u>pounds</u> |
| Jan. ....   | 40,103        | 32,783        | 44,572        | 54,002        | 40,830        | 51,543        | 72,424        |
| Feb. ....   | 33,735        | 33,103        | 42,179        | 50,310        | 41,472        | 43,310        | 64,921        |
| Mar. ....   | 41,876        | 36,789        | 49,411        | 56,028        | 42,079        | 81,301        | 68,244        |
| Apr. ....   | 35,962        | 31,370        | 39,303        | 50,632        | 45,643        | 46,615        | 66,325        |
| May ....    | 23,818        | 29,094        | 49,550        | 52,009        | 49,160        | 57,154        | 65,622        |
| June ....   | 39,338        | 33,810        | 49,691        | 50,332        | 41,773        | 51,050        | 62,737        |
| July ....   | 37,149        | 33,542        | 47,279        | 46,680        | 43,857        | 53,403        | 71,142        |
| Aug. ....   | 28,728        | 34,879        | 47,009        | 46,941        | 49,004        | 56,432        | 67,998        |
| Sept. ....  | 36,673        | 34,274        | 47,374        | 45,481        | 49,442        | 61,539        | 85,515        |
| Oct. ....   | 35,526        | 37,860        | 46,129        | 45,295        | 45,310        | 67,829        | 69,304        |
| Nov. ....   | 31,316        | 38,945        | 45,999        | 49,319        | 51,819        | 64,822        |               |
| Dec. ....   | 32,921        | 42,952        | 56,405        | 48,652        | 48,165        | 70,486        |               |
| Total ..... | 417,205       | 419,399       | 564,939       | 595,731       | 548,559       | 675,524       |               |

Vareomsatning med Udlandet, monthly. a/ Preliminary.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Lard exports were also heavy in 1930, reaching 38 million pounds an increase of 34 per cent over 1929. The bulk of the lard exports also go to Germany.

DENMARK: Exports of pork and lard, by countries, average 1909-1913, annual 1928-1930, January-August, 1930 and 1931

| Country to<br>which exported | Average<br>1909-<br>1913 | Year ended December 31 |                 |                  |                        |                   |
|------------------------------|--------------------------|------------------------|-----------------|------------------|------------------------|-------------------|
|                              |                          | 1928                   | 1929            | 1930<br>Prelim.  | January-August<br>1930 | 1931              |
|                              | 1,000<br>pounds          | 1,000<br>pounds        | 1,000<br>pounds | 1,000<br>pounds  | 1,000<br>pounds        | 1,000<br>pounds   |
| PORK, FRESH: <u>a/</u>       |                          |                        |                 |                  |                        |                   |
| United Kingdom..             | 18,977                   | 7,128                  | 8,553           |                  |                        |                   |
| Germany. . . . .             | 2,229                    | 11,653                 | 11,346          |                  |                        |                   |
| Other countries..            | 2,317                    | 2,368                  | 1,593           | <u>b/ c/</u>     |                        |                   |
| Total. . . . .               | 23,523                   | 21,149                 | 21,492          | 24,681           | <u>b/c/15,368</u>      | <u>b/c/11,152</u> |
| BACON:                       |                          |                        |                 |                  |                        |                   |
| United Kingdom.. <u>d/</u>   | 246,814                  | 597,892                | 546,182         | 674,556          | 410,292                | 532,558           |
| Germany. . . . .             | 11                       | 0                      | 0               | 554              | 268                    | 3,139             |
| Other countries..            | 31                       | 0                      | 0               | 354              | 187                    | 1,604             |
| Total. . . . .               | 246,845                  | 597,892                | 546,182         | <u>c/675,464</u> | <u>e/410,747</u>       | <u>e/ 537,301</u> |
| HAMS:                        |                          |                        |                 |                  |                        |                   |
| United Kingdom.. <u>d/</u>   | 114                      | 50                     | 34              |                  |                        |                   |
| Other countries              | 528                      | 8                      | 4               |                  |                        |                   |
| Total. . . . .               | 642                      | 64                     | 38              | <u>b/ f/</u>     | <u>b/ f/</u>           | <u>b/f/</u>       |
| LARD:                        |                          |                        |                 |                  |                        |                   |
| United Kingdom..             | 1,870                    | 6,436                  | 3,726           |                  |                        |                   |
| Germany. . . . .             | 6,845                    | 22,451                 | 22,512          |                  |                        |                   |
| Norway. . . . .              | 424                      | 216                    | 224             |                  |                        |                   |
| Other countries              | 735                      | 1,748                  | 1,972           |                  |                        |                   |
| Total. . . . .               | 9,874                    | 30,851                 | 28,434          | <u>c/38,102</u>  | <u>b/23,105</u>        | <u>b/ 36,948</u>  |

Foreign Agricultural Service.

Compiled from International Trade in Meats and Animal Fats, average 1909-13; Danmarks Vareindførsel og-Udførsel 1928-1929; and Vareomsætningen, December, 1930 and August issue, 1931.

a/ Includes heads and feet. b/ Not available by countries. c/ Heads and feet only.  
d/ Four-year average, 1910-13. e/ Includes fresh pork and hams, and pork, not fresh.  
f/ Included with bacon.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Netherlands

Hog numbers were unofficially estimated to have reached 2,500,000 on September 1, 1931 by Commercial Attache Van Wickel. In June 1931 the number was estimated at 2,434,000 compared with the census of 2,018,000 in June 1930. Of the 2,500,000 on September 1, 1,278,000 consisted of hogs up to 132 pounds. The number of that type in June 1931 was 1,250,000 compared with 940,000 in June 1930. Sows in farrow in June 1931, however, were estimated at only 210,000 compared with 242,000 in June 1930. A further decrease to 196,000 was reported in September. These estimates are all based on percentage changes, taking June 1930 as a base, as released by the Netherlands Ministry of Agriculture and forwarded by Agricultural Attache Christy and Commercial Attache Van Wickel.

The number of hogs inspected for slaughter and export in the Netherlands during the first 9 months of 1931 was 568,000, an increase of 34 per cent above the same period of 1930, which points to heavier pork production in 1931 than in the preceding year. Total slaughter for the first quarter of the year was estimated at 1,508,000 compared with 1,075,000 in the same period of 1930. The increase at abattoirs and on farms exclusive of the quantity for export during this period was 44 per cent.

Exports of cured pork during the first 8 months of the year reached 109,000,000 pounds or 43 per cent over 1930 for the corresponding period. Of this amount, 80 per cent went to England and 15 per cent to Germany. Fresh pork exports, principally to France, increased 46 per cent to 27,890,000 pounds. There was also an increase of almost 80 per cent in lard exports to 39,491,000 pounds.

NETHERLANDS: Number of hogs according to censuses, 1910, 1921, and 1930 and estimates for 1931

| Censuses                  | Sows<br>in<br>farrow | Pigs<br>under 6<br>weeks | Hogs up<br>to 132<br>pounds | Hogs 132<br>to 220<br>pounds | Hogs<br>over 220<br>pounds | Total<br>hogs |
|---------------------------|----------------------|--------------------------|-----------------------------|------------------------------|----------------------------|---------------|
|                           | Thousands            | Thousands                | Thousands                   | Thousands                    | Thousands                  | Thousands     |
| May - June<br>1910 .....  | 130                  | 279                      | 980                         |                              |                            | 1,260         |
| May - June<br>1921 .....  | 147                  | 371                      | 1,148                       |                              |                            | 1,519         |
| May - June<br>1930 .....  | 242                  | 472                      | 940                         | 263                          | 101                        | 2,018         |
| Mar. 1931 a/<br>(est.) a/ | 232                  | 571                      | 1,053                       | 430                          |                            | 2,286         |
| June 1931 a/              | 210                  | 557                      | 1,250                       | 321                          | 96                         | 2,434         |
| Sept. 1931 a/             | 196                  | 571                      | 1,278                       | 358                          | 109                        | 2,512         |

Verslag oven don Landbouw in Nederland 1928, Commercial Attache' J. F. Van Wickel, January 16, 1931.

a/ Estimates based on percentage increase over June 1930 numbers as furnished by Asst. Agricultural Commissioner Christy and Commercial Attache Van Wickel, July 17, 1931.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

NETHERLANDS: Exports of pork and pork products, by countries, average 1909-1913, annual 1928-1930, January-August, 1930 and 1931

| Country to which<br>exported                 | Year ended December 31 |                 |                 |                 | January-August  |                 |
|----------------------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                              | Average<br>1909-1913   | 1928            | 1929            | 1930            | 1930            | 1931            |
|                                              | 1,000<br>pounds        | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds |
| PORK, FRESH:                                 |                        |                 |                 |                 |                 |                 |
| United Kingdom.....                          | 45,814                 | a/              | a/              | a/              | a/              | a/              |
| France.....                                  | 2                      | 45,320          | 6,110           | 34,326          | 19,257          | 27,890          |
| Belgium.....                                 | 2,738                  | 6,883           | 17,394          | 20,651          | 13,043          | 20,183          |
| Germany.....                                 | 15,028                 | 8,555           | 10,402          | 2,636           | 1,497           | 1,025           |
| Other countries.....                         | 0                      | 3,577           | 118             | 2               | 0               | 530             |
| Total, fresh.....                            | b/63,582               | 64,355          | 33,924          | 57,515          | 33,797          | 49,628          |
| PORK, SALTED, SMOKED OR<br>DRIED, AND BACON: |                        |                 |                 |                 |                 |                 |
| United Kingdom.....                          | 6,694                  | 123,618         | 104,297         | 96,053          | 66,030          | 87,146          |
| France.....                                  | 4                      | 911             | 553             | 609             | 403             | 423             |
| Belgium.....                                 | 2,873                  | 1,782           | 1,722           | 1,927           | 1,155           | 994             |
| Germany.....                                 | 1,141                  | 7,434           | 7,590           | 12,281          | 7,112           | 16,523          |
| Italy.....                                   | 1                      | 8,992           | 3,369           | 596             | 368             | a/              |
| Dutch East Indies.....                       | 597                    | 102             | 23              | 31              | a/              | a/              |
| Other countries.....                         | 250                    | 1,575           | 1,153           | 1,531           | 1,110           | 3,482           |
| Total.....                                   | 11,560                 | 144,414         | 118,687         | 113,028         | 76,178          | 108,568         |
| LARD, PURE: c/                               |                        |                 |                 |                 |                 |                 |
| United Kingdom.....                          | 1,908                  | 1,966           | 879             | 1,465           | 485             | 5,214           |
| France.....                                  | 141                    | 10,542          | 737             | 111             | a/              | a/              |
| Belgium.....                                 | 3,210                  | 9,973           | 14,506          | 8,585           | 6,299           | 3,128           |
| Germany.....                                 | 45,161                 | 8,612           | 2,267           | 1,918           | 842             | 3,582           |
| Czechoslovakia.....                          | --                     | 7,739           | 10,927          | 8,605           | 4,255           | 8,556           |
| Poland and Danzig....                        | a/                     | 10,804          | 6,846           | 2,422           | 2,341           | a/              |
| Switzerland.....                             | a/                     | 3,322           | 2,311           | 988             | 467             | 890             |
| Austria.....                                 | --                     | 2,644           | 1,978           | 595             | 487             | 743             |
| Other countries.....                         | 1,549                  | 9,642           | 8,561           | 14,930          | 6,844           | 17,378          |
| Total lard, pure....                         | --                     | 65,244          | 49,112          | 39,619          | 22,020          | 39,491          |
| Total lard, neutral.                         | --                     | 184             | 911             | 43              | 35              | 18              |
| Total lard and lard,<br>neutral.....         | 51,969                 | 65,428          | 50,023          | 39,662          | 22,055          | 39,509          |

Foreign Agricultural Service. Compiled from Statistiek Van den In-Uit-en Doorvoer, 1909-1913, Jaarstatistiek, Van den In-uit-en Doorvoer, 1928-1930, and Maendstatistiek, Van den In-uit-en Doorvoer, August, 1930 and 1931.

a/ If any, included in "Other countries." b/ Includes "Pork, frozen."

c/ Includes neutral lard and lard compounds.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Principal importing countriesUnited Kingdom

The tendency toward increased domestic British pork supplies, including receipts from the Irish Free State, is supported by an advance of 20.2 per cent in the June 1931 census of English hogs over figures of a year earlier, and an increase of 16.0 per cent in Irish hog numbers. The English figures are above the average for the years 1926-1930, although smaller than those of 1928. In Ireland, however, hog numbers are larger than in any of the last 4 years and also above the average cited. For most months of 1931, British market receipts of fat hogs have been larger than for the corresponding months of 1930. Receipts of fresh British and Irish pork at London Central Markets for the first 11 months of 1931 were larger than the 12-month receipts of 1930 and 1929. In 1927 and 1928 such receipts were the heaviest of the post-war years. It should be noted that most of the current increased pork production is destined to be marketed fresh. Domestic cured pork is not yet in a position to secure an extensive share of the market now commanded by imported cured pork, notably Danish.

Record supplies of continental cured pork continue to reach British markets. Total receipts of bacon so far in 1931 are more than 25 per cent larger than in the same period of 1930, with imports from Denmark alone exceeding last year's figures by over 27 per cent. The increased receipts from other continental countries are reflected in 1931 increases of better than 31 per cent and 13 per cent for Netherlands and Sweden respectively. Increased receipts from other continental countries also are reported, notably Poland and Latvia, although monthly official returns do not give the details. Some of the 1931 increases, especially for Denmark and Sweden, were visible in 1930, when total bacon imports were considerably larger than in former years. Bacon receipts from the United States declined in 1930 and fell more sharply in 1931. British imports of American ham also declined in 1930 and available 1931 figures indicate a decrease in that item of around 30 per cent below corresponding 1931 entries. See table, page 1042. Despite the considerably larger imports, there had been no abnormally large accumulation of stocks.

The current price decline in cured pork on British markets, as reflected in Liverpool quotations on Danish Wiltshire sides, became marked in May 1930. Since then, the trend, with brief interruptions, has been generally downward as continental bacon supplies became heavier. Before the British suspension of gold payments on September 26, 1931, dollar quotations were a fair index of sterling values. Since September, while sterling prices also have declined, dollar prices have sometimes moved downward when sterling prices rallied, owing to fluctuations in exchange. Thus, during the first week of December, sterling prices were somewhat stronger, but exchange conditions placed Danish Wiltshires at an average of \$7.89 per 100 pounds, among the lowest quotations for that line on record and the lowest for the post-war period. Quotations on American

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

products resisted the downward trend of the past 2 years somewhat better than did continental lines, until the suspension of gold payments. The generally light supplies of American bacon were a sustaining factor for that line. In hams, the limited supplies and lack of direct competition kept prices from falling as fast as in bacon.

The 1931 advance in British lard imports places the 1931 total to date more than 12 per cent ahead of the corresponding 1930 period. The 1931 advance in imports of American lard alone amounted to over 5 per cent. Supplies of continental lard have been larger than usual this year, but receipts from the United States still account for better than 81 per cent of the total imported. In 1930, total lard imports were 4.4 per cent below the unusually heavy 1929 imports. Receipts from the United States in 1930 represented 86.8 per cent in 1930 as against 86.3 per cent in 1929.

In lard, the current downward price movement at Liverpool became sharply defined in November 1930. In December 1930, lard prices went below those of the preceding year and have tended downward throughout 1931. The average of \$7.40 per 100 pounds for American prime steam western lard for the first week of December was an unusually low figure, being well under any price of the past 18 years. As in cured pork, however, existing exchange conditions have influenced the dollar quotations adversely. For the past two months, sterling quotations were fairly strong except in the latter half of November. The November dollar average of \$8.21 represented a drop of 12.3 per cent below that of the preceding month and was 34.1 per cent below the November 1930 average.

UNITED KINGDOM: Monthly average price per 100 pounds of American prime steam western lard at Liverpool, 1925 to 1931.

| Month         | 1925    | 1926    | 1927    | 1928    | 1929    | 1930    | 1931    |
|---------------|---------|---------|---------|---------|---------|---------|---------|
|               | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| Jan. . . . .  | 17.98   | 17.18   | 14.31   | 13.59   | 13.41   | 11.95   | a/      |
| Feb. . . . .  | 17.69   | 16.65   | 14.37   | 12.90   | 13.56   | 12.22   | 9.78    |
| Mar. . . . .  | 18.75   | 16.54   | 14.37   | 13.00   | 13.96   | 11.80   | 10.49   |
| Apr. . . . .  | 17.93   | 16.02   | 14.30   | 13.31   | 13.54   | 11.83   | 10.22   |
| May. . . . .  | 17.37   | 17.65   | 14.07   | 13.36   | 13.33   | 11.80   | 9.30    |
| June. . . . . | 18.89   | 18.44   | 14.37   | 13.32   | 13.54   | 11.25   | 9.61    |
| July. . . . . | 19.22   | 17.85   | 14.30   | 13.71   | 13.90   | 11.20   | 9.45    |
| Aug. . . . .  | 19.90   | 16.99   | 13.85   | 13.94   | 13.72   | 12.61   | 8.80    |
| Sept. . . . . | 19.41   | 16.62   | 14.64   | 14.39   | 13.38   | 13.17   | 9.24    |
| Oct. . . . .  | 18.06   | 15.77   | 14.45   | 13.93   | 12.56   | 13.33   | 9.37    |
| Nov. . . . .  | 17.60   | 13.71   | 14.01   | 13.45   | 12.09   | 12.46   | 8.21    |
| Dec. . . . .  | 16.67   | 14.30   | 13.49   | 13.19   | 11.82   | 11.25   | b/7.40  |

Manchester Guardian, weekly. a/ Nonimal. b/ One week only.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

UNITED KINGDOM: Monthly average price per 100 pounds  
of cured pork products at Liverpool, 1925 to 1931

| Month and product               | 1925    | 1926    | 1927    | 1928    | 1929     | 1930     | a/ 1931  |
|---------------------------------|---------|---------|---------|---------|----------|----------|----------|
|                                 | Dollars | Dollars | Dollars | Dollars | Dollars  | Dollars  | Dollars  |
| <u>American green bellies</u>   |         |         |         |         |          |          |          |
| Jan. ....                       | 24.40   | 23.57   | 23.84   | 17.01   | 18.20    | 18.82    | 16.13    |
| Feb. ....                       | 22.40   | 22.59   | 21.21   | 16.89   | 18.06    | 18.30    | 13.88    |
| Mar. ....                       | 24.60   | 21.25   | 20.73   | 16.08   | 18.55    | 17.94    | 13.01    |
| Apr. ....                       | 24.90   | 20.80   | 19.58   | 16.55   | 20.98    | 17.87    | 13.99    |
| May ....                        | 23.90   | 22.38   | 19.72   | 17.87   | 22.10    | 18.28    | 14.12    |
| June ....                       | 25.63   | 24.81   | 18.68   | 19.37   | 20.18    | 18.57    | 14.07    |
| July ....                       | 25.87   | 24.36   | 18.20   | 19.77   | 19.99    | 17.68    | 13.47    |
| Aug. ....                       | 27.14   | 25.33   | 18.81   | 20.01   | 19.61    | 18.36    | 13.25    |
| Sept. ....                      | 30.07   | 25.56   | 21.07   | 20.33   | 18.83    | 20.10    | 12.29    |
| Oct. ....                       | 29.51   | 24.88   | 20.67   | 20.04   | 18.93    | 19.88    | 10.22    |
| Nov. ....                       | 26.96   | 25.11   | 18.94   | 18.93   | 19.55    | b/       | 8.93     |
| Dec. ....                       | 25.68   | 24.77   | 18.39   | 18.63   | 18.88    | 19.69    | c/ 8.75  |
| <u>Danish Wiltshire sides</u>   |         |         |         |         |          |          |          |
| Jan. ....                       | 25.76   | 27.55   | 20.51   | 18.12   | 20.04    | 23.30    | 14.83    |
| Feb. ....                       | 23.72   | 26.32   | 19.79   | 17.81   | 22.16    | 23.96    | 13.58    |
| Mar. ....                       | 24.90   | 26.83   | 21.20   | 18.32   | 24.77    | 24.38    | 13.85    |
| Apr. ....                       | 25.68   | 29.00   | 22.10   | 19.66   | d/ 26.29 | 23.90    | 16.34    |
| May ....                        | 26.49   | 29.77   | 23.02   | 20.84   | 25.69    | 21.43    | 16.67    |
| June ....                       | 26.69   | 27.72   | 22.26   | 23.51   | 24.60    | 21.94    | 13.47    |
| July ....                       | 25.33   | 27.36   | 20.36   | 24.66   | 27.50    | 19.94    | 14.66    |
| Aug. ....                       | 27.03   | 29.00   | 21.34   | 25.20   | 27.81    | c/ 20.43 | 16.62    |
| Sept. ....                      | 29.92   | 27.03   | 24.66   | 24.44   | 24.33    | 19.44    | 14.51    |
| Oct. ....                       | 29.13   | 25.57   | 20.90   | 21.68   | 24.39    | 17.27    | 11.35    |
| Nov. ....                       | 28.08   | 24.59   | 19.23   | 21.40   | 24.06    | 17.54    | 8.34     |
| Dec. ....                       | 28.79   | 22.26   | 18.56   | 22.10   | 23.63    | 15.05    | c/ 7.89  |
| <u>American short cut green</u> |         |         |         |         |          |          |          |
| <u>hams</u>                     |         |         |         |         |          |          |          |
| Jan. ....                       | 24.82   | 27.87   | 24.39   | 22.64   | 23.84    | 22.11    | 20.37    |
| Feb. ....                       | 21.32   | 25.64   | 23.27   | 19.04   | 20.94    | 22.92    | 17.71    |
| Mar. ....                       | 22.76   | 26.14   | 23.33   | 18.28   | 23.08    | 21.68    | 16.42    |
| Apr. ....                       | 23.90   | 29.94   | 24.25   | 18.36   | 25.13    | 22.24    | 17.03    |
| May ....                        | 23.21   | 29.55   | 24.93   | 19.06   | 25.18    | 21.10    | 16.95    |
| June ....                       | 26.19   | 30.22   | 24.07   | 21.02   | 24.71    | 21.94    | 16.59    |
| July ....                       | 27.66   | 30.85   | 21.72   | 23.66   | 26.18    | 24.58    | 18.33    |
| Aug. ....                       | 28.03   | 32.13   | 19.77   | 26.31   | 26.23    | 22.27    | 18.47    |
| Sept. ....                      | 27.69   | 30.71   | 24.14   | 23.82   | 23.81    | 21.12    | 18.03    |
| Oct. ....                       | 28.38   | 29.33   | 21.37   | 24.31   | 22.55    | 20.78    | 15.72    |
| Nov. ....                       | 28.61   | 28.76   | 21.29   | 24.09   | 21.70    | 21.70    | 12.37    |
| Dec. ....                       | 29.06   | 26.66   | 23.21   | 24.85   | 22.00    | 21.21    | c/ 10.72 |

Agricultural Market Report, London, weekly. a/ Converted at current exchange rates after September 26. b/ No quotation. c/ One week only.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

UNITED KINGDOM: Imports of pork and lard, average 1909-1913, annual  
1928-1930, January-September, 1930 and 1931 a/

| Item and country<br>from which imported | Year ended December 31 |                 |                 |                 | January-September |                 |
|-----------------------------------------|------------------------|-----------------|-----------------|-----------------|-------------------|-----------------|
|                                         | Av. 1909-<br>1913      | 1928            | 1929            | 1930            | 1930              | 1931<br>Prelim. |
|                                         | 1,000<br>pounds        | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds   | 1,000<br>pounds |
| PORK, FRESH:                            |                        |                 |                 |                 |                   |                 |
| Netherlands .....                       | 41,193                 | 0               | 0               | 0               | 0                 | 0               |
| Irish Free State                        | ---                    | 43,425          | 33,176          | 32,403          | 19,055            | 25,040          |
| Other countries                         | 3,994                  | 0               | 0               | 0               | 0                 | 0               |
| Total .....                             | 45,187                 | 43,425          | 33,176          | 32,403          | 19,055            | 25,040          |
| PORK, CHILLED AND<br>FROZEN             |                        |                 |                 |                 |                   |                 |
| Argentina .....                         | c/                     | 6,474           | 7,806           | 8,300           | 4,746             | 5,463           |
| United States ...                       | 734                    | 6,505           | 5,305           | 12,147          | 7,927             | 4,357           |
| New Zealand .....                       | c/                     | 13,626          | 18,982          | 15,338          | 11,573            | 11,055          |
| Other countries                         | 2,649                  | 1,039           | 1,207           | 3,627           | 1,478             | 8,392           |
| Total .....                             | 3,383                  | 27,644          | 33,300          | 39,412          | 25,724            | 29,267          |
| HAMS:                                   |                        |                 |                 |                 |                   |                 |
| United States ...                       | 94,241                 | 85,101          | 94,267          | 91,971          | 75,855            | 53,538          |
| Canada .....                            | 7,125                  | 12,911          | 11,004          | 9,521           | 7,560             | 4,350           |
| Poland .....                            | c/                     | 1,782           | 3,184           | c/              | c/                | c/              |
| Argentina .....                         | c/                     | 3,096           | 4,453           | c/              | c/                | c/              |
| Irish Free State                        | c/                     | 1,955           | 1,724           | c/              | c/                | c/              |
| Other countries                         | 684                    | 662             | 592             | 11,146          | 7,565             | 11,837          |
| Total .....                             | 102,050                | 105,507         | 115,224         | 112,638         | 90,980            | 69,725          |
| BACON:                                  |                        |                 |                 |                 |                   |                 |
| United States ...                       | 197,468                | 60,240          | 71,075          | 53,574          | 47,134            | 18,507          |
| Denmark .....                           | 232,510                | 602,089         | 557,427         | 685,201         | 471,569           | 600,837         |
| Canada .....                            | 47,086                 | 34,361          | 22,231          | 11,102          | 9,585             | 1,909           |
| Soviet Russia ...                       | 16,734                 | 22,118          | 23,412          | c/              | c/                | a/              |
| Netherlands .....                       | 11,497                 | 118,872         | 100,936         | 94,399          | 72,718            | 95,760          |
| Sweden .....                            | 4,321                  | 49,399          | 42,545          | 61,678          | 46,360            | 52,325          |
| Irish Free State                        | c/                     | 62,170          | 55,680          | 37,036          | 27,471            | 21,968          |
| Latvia .....                            | c/                     | 16,266          | 7,498           | c/              | c/                | c/              |
| Poland .....                            | c/                     | 13,267          | 34,211          | c/              | c/                | c/              |
| Other countries                         | 2,215                  | 12,740          | 12,105          | 86,263          | 59,725            | 131,851         |
| Total .....                             | 511,831                | 991,522         | 927,150         | 1,029,253       | 734,562           | 923,157         |
| LARD:                                   |                        |                 |                 |                 |                   |                 |
| United States ...                       | 168,618                | 230,308         | 252,907         | 243,519         | 176,107           | 186,204         |
| Canada .....                            | 23,557                 | 26,186          | c/              | c/              | c/                | c/              |
| Other countries                         | 5,655                  | 17,548          | 40,641          | 37,233          | 26,732            | 41,432          |
| Total .....                             | 197,830                | 274,042         | 293,548         | 280,757         | 202,839           | 227,636         |

Compiled from Annual Statement of the Trade of the United Kingdom, average 1909-1913, and 1928-1929; Accounts Relating to Trade and Navigation of the United Kingdom, December issue, 1930 and September issue, 1931.

a/ Includes re-exports. b/ Included with United Kingdom prior to April 1, 1923.

c/ If any, included in "Other countries."

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Germany

On September 1, 1931 hog numbers in Germany reached the highest figure on record passing the 25,000,000 mark which was an increase of 8 per cent over the same date of 1930. The total number of sows in farrow, however, showed a reduction of 10 per cent compared with the same time last year. In January 1930, the price of heavy hogs at Berlin averaged \$17.53 per 100 pounds. By November 1931, that average was down to \$8.94. In the intervening months most of the usual seasonal price movements were obtained, but the November 1931 decline was considerably more than seasonal. Since February 1930 the average for each succeeding month has been below the average for the corresponding month of the preceding year.

An estimate of total inspected slaughter for the year 1931, based on the increase in the first 9 months over the corresponding period of 1930, places the number killed at 20,931,000, an increase of 17 per cent over 1930 and 8 per cent above the previous record year 1928. Inspected production of pork for the first 9 months of the year 1931, however, shows that production for that period exceeded last year's output by only 9 per cent due to the lighter weight of hogs this year, i.e. 189 pounds compared with 201 pounds in 1930.

Notwithstanding the increased pork production in Germany in 1931 imports of hog and hog products for the first 9 months of the year amounted to 184 million pounds or less than 1 per cent below last year's receipts. The increase was mostly in fresh pork and bacon, imports of fresh pork totaling 32 million pounds or 37 per cent above the same period of 1930 and bacon imports totaling 21 million pounds or about twice as much. Lard imports amounted to 128 million pounds for the same period of 1931, a decrease of 11 per cent below last year's aggregate for this period.

Although imports of pork and pork products into Germany from all sources were approximately as heavy as they were last year, arrivals from the United States fell off 26 per cent owing chiefly to a decrease in lard imports which constitute the bulk of Germany's imports of pork and pork products from this country which for the 5 years 1925-1929 averaged 55 per cent of Germany's total imports of pork and pork products.

The trend in German lard imports, the bulk of which come from the United States has been downward since 1924, with the exception of 1929. Imports from the United States have shown a decrease each year, with the exception of 1926 and 1929 declining from 248 million pounds in 1924 to 140 million pounds in 1930 whereas imports from Denmark have increased from 18 million pounds in 1925 to 33 million pounds in 1930. Figures provided by the American Consulate at Hamburg indicate that Denmark assumed an even more important position in the diminishing German import trade in lard during 1931. Indications are that, despite the low prices at which American lard

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

is being offered in Germany, the Danish product is selling at competitive prices. Since December 1930, the Hamburg monthly average price of lard has been under the levels of a year earlier. The 1931 monthly averages fluctuated between \$10.00 and \$11.10 per 100 pounds until November, when a new low level of \$9.54 was registered. In 1930 German bacon imports amounted to only 1.8 million pounds, 5 million of which came from the United States and 11 million from the Netherlands. In 1923, of the 83 million pounds of bacon imported, 79 million pounds came from the United States.

GERMANY: Inspected slaughter and pork production, 9 months, 1913, 1927-1931

| Year      | Hog slaughter a/ |                |                |                        | Pork production   |                   |                   |                        |
|-----------|------------------|----------------|----------------|------------------------|-------------------|-------------------|-------------------|------------------------|
|           | 1st<br>quarter   | 2nd<br>quarter | 3rd<br>quarter | Total<br>3<br>quarters | 1st<br>quarter    | 2nd<br>quarter    | 3rd<br>quarter    | Total<br>3<br>quarters |
|           | Thou-<br>sands   | Thou-<br>sands | Thou-<br>sands | Thou-<br>sands         | Million<br>pounds | Million<br>pounds | Million<br>pounds | Million<br>pounds      |
| 1913..... | 4,010            | 3,809          | 3,903          | 11,722                 | 712               | 750               | 730               | 2,192                  |
| 1927..... | 3,950            | 3,886          | 3,952          | 11,788                 | 802               | 754               | 767               | 2,323                  |
| 1928..... | 5,346            | 4,516          | 4,218          | 14,080                 | 1,048             | 844               | 801               | 2,693                  |
| 1929..... | 4,743            | 4,017          | 3,780          | 12,540                 | 953               | 771               | 748               | 2,472                  |
| 1930..... | 4,430            | 3,998          | 4,070          | 12,518                 | 903               | 792               | 826               | 2,521                  |
| 1931..... | 5,404            | 4,630          | 4,555          | 14,589                 | 1,059             | 857               | 843               | 2,759                  |

Bureau of Agricultural Economics. Division of Statistical & Historical Research  
Compiled from the Deutscher Reichsanzeiger.

a/ In addition the following number were killed without inspection for the first 8 months of the year; 1930, 2,894,000; 1931, 2,960,000.

GERMANY: Monthly average price per 100 pounds  
of lard at Hamburg, 1925 to 1931

| Month      | 1925    | 1926    | 1927    | 1928    | 1929    | 1930    | 1931    |
|------------|---------|---------|---------|---------|---------|---------|---------|
|            | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| Jan. ....  | 18.40   | 17.56   | 14.71   | 14.27   | 14.27   | 12.18   | 10.87   |
| Feb. ....  | 17.84   | 17.00   | 14.49   | 13.54   | 14.14   | 12.38   | 10.42   |
| Mar. ....  | 19.02   | 16.90   | 14.55   | 13.62   | 14.51   | 11.93   | 11.10   |
| Apr. ....  | 18.24   | 16.56   | 14.44   | 13.75   | 14.14   | 11.95   | 10.91   |
| May ....   | 18.03   | 17.56   | 14.59   | 14.31   | 13.86   | 12.04   | 10.34   |
| June ....  | 19.31   | 18.83   | 14.81   | 14.03   | 13.90   | 11.53   | 10.49   |
| July ....  | 19.87   | 18.42   | 14.44   | 14.45   | 14.11   | 11.54   | 10.54   |
| Aug. ....  | 20.15   | 17.57   | 14.19   | 14.92   | 14.02   | 12.72   | 10.01   |
| Sept. .... | 20.35   | 16.90   | 15.11   | 15.31   | 13.97   | 13.88   | 10.10   |
| Oct. ....  | 18.83   | 16.40   | 14.24   | 14.76   | 13.35   | 13.88   | 10.27   |
| Nov. ....  | 18.16   | 15.11   | 14.57   | 14.28   | 12.75   | 13.32   | 9.54    |
| Dec. ....  | 17.11   | 15.15   | 14.01   | 14.03   | 12.42   | 12.29   |         |

By cable from the American Agricultural Attache of Berlin.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

Fresh pork imports have also been decreasing since 1925 when they totaled 152 million pounds to 40 million pounds in 1930: The Netherlands and Denmark supply the bulk of the fresh pork imports into Germany. Per capita consumption of pork and lard in Germany is estimated at 71 pounds in 1930 compared with 64 pounds in 1929 and 75 pounds in 1928. The per capita consumption of pork and lard a/ imported from the United States is estimated at 2.3 pounds in 1930 compared with 3.1 pounds in 1929 and 2.6 pounds in 1928.

GERMANY: Imports of pork and lard by countries, average 1909-1913, annual 1928-1930 and January-Sept., 1930-1931

| Items and country from which imported | Year ended December 31 |         |         |              | January - September |         |
|---------------------------------------|------------------------|---------|---------|--------------|---------------------|---------|
|                                       | Av. 1909-1913          | 1928    | 1929    | 1930 Prelim. | 1930                | 1931    |
|                                       | 1,000                  | 1,000   | 1,000   | 1,000        | 1,000               | 1,000   |
| PORK, FRESH: <u>a/</u> .....          | pounds                 | pounds  | pounds  | pounds       | pounds              | pounds  |
| Netherlands.....                      | 10,705                 | 11,129  | 13,969  | 6,081        | 4,157               | 5,097   |
| Denmark.....                          | 2,041                  | 16,489  | 18,836  | 24,229       | 15,620              | 21,849  |
| Sweden.....                           | 632                    | 1,735   | 2,024   | 2,583        | 1,844               | 2,357   |
| United States..... <u>b/</u>          |                        | 4,743   | 8,289   | 5,231        | 3,729               | 1,361   |
| Other countries....                   | 6,415                  | 2,964   | 3,202   | 1,405        | 1,335               | 2,529   |
| Total.....                            | 19,793                 | 37,060  | 46,320  | 39,585       | 27,185              | 33,193  |
| HAMS:                                 |                        |         |         |              |                     |         |
| Czechoslovakia....                    | --                     | 196     | 189     | 161          | 121                 | 75      |
| Other countries....                   | 1,609                  | 18      | 7       | 9            | 7                   | 4       |
| Total.....                            | 1,609                  | 214     | 196     | 170          | 128                 | 79      |
| BACON: <u>c/</u>                      |                        |         |         |              |                     |         |
| United States.....                    | 1,557                  | 984     | 5,300   | 4,835        | 4,191               | 281     |
| Netherlands.....                      | 175                    | 6,876   | 7,465   | 11,437       | 7,525               | 19,150  |
| Other countries....                   | 1,024                  | 252     | 925     | 1,709        | 941                 | 1,765   |
| Total.....                            | 2,756                  | 8,112   | 13,690  | 17,981       | 12,657              | 21,196  |
| LARD:                                 |                        |         |         |              |                     |         |
| United States.....                    | 192,184                | 162,876 | 186,680 | 140,368      | 117,193             | 86,770  |
| Netherlands.....                      | 2,481                  | 4,213   | 1,084   | 1,422        | 750                 | 3,982   |
| Denmark.....                          | 5,981                  | 23,907  | 23,186  | 32,971       | 23,354              | 32,532  |
| Other countries....                   | 3,150                  | 1,960   | 1,830   | 2,419        | 1,561               | 4,402   |
| Total.....                            | 203,796                | 192,956 | 212,780 | 177,180      | 142,858             | 127,686 |

Foreign Agricultural Service.

Compiled from International Trade in Meats and Animal Fats, average 1909-1913; Der Auswärtige Handel Deutschlands, 1928 and 1929; and Monatliche Nachweise über den Auswärtigen Handel Deutschlands, December, 1930 and August issues, 1930 and 1931. a/ Includes frozen for the prewar average, 1909-1913; also chilled pork livers and other chilled pork, 1928-1930. b/ If any, included in "Other countries." c/ Includes bacon, cooled and frozen.

a/ Includes frozen pork, hams, bacon and lard.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

State and collective hog farming in Soviet Russia.

In 1930 there was a severe decline in the number of livestock in U.S.S.R. due to the wholesale slaughter of animals by the peasants who were dragooned into the collective farms during the winter and early spring of that year. Hogs suffered an especially large reduction in 1930, estimated at 36 per cent, following a decline of 22 per cent in 1929 compared with the preceding year. See table, page 1019. Largely in order to offset this unfavorable development, the Soviet government undertook the organization of large state livestock farms, similar to the state grain farms, and also of special collective livestock farms. In the summer of 1931, there were 452 state hog farms united into a special trust, "Svinoved", with a herd of 593,000 hogs of which 278,000 were sows, according to an article in "Socialist Reconstruction of Agriculture", No. 8, 1930. There were also 10,000 collective hog farms with a total herd of 665,000 hogs of which 245,000 were sows. Imported pedigree stock is concentrated on state farms where an effort is made to improve native breeds.

Many defects are recorded by the Soviet Press in the organization and functioning of the rapidly-growing livestock farms. Considerable difficulties have been experienced with the construction of new buildings which have to be rapidly erected in the face of a shortage of building materials. There is also an acute shortage of skilled labor and directing and technical personnel. As a result of a lack of proper care and housing the death rate among the young stock was very heavy. On some state farms more than 50 per cent of the issue died last year.

Efforts are made by the Soviet authorities to increase the herds of these farms. They have the first claim on the livestock procured by the procuring organizations. The slaughter of young animals is prohibited. A campaign has been inaugurated for the general collective farms to contract for the raising of a certain number of animals for the state livestock farms. The plan called for the raising by 1932 of 2,030,000 hogs on 200,000 general collective farms but the contracting campaign apparently did not make much headway, according to "Socialist Agriculture" of November 25, 1931.

While the supplying of state farms with new grown stock is proceeding in general fairly well, the situation is considerably less satisfactory as regards the supply of young animals, according to an editorial in "Socialist Agriculture" of November 17, 1931.

To improve the efficiency and morale of labor on these farms, which is in many cases very low, the Soviet government is trying to introduce a system of payment by results and also to do away with the frequent changes in tasks and duties. Rather, it is aimed to fix the responsibility of individual workers for the care of certain animals. A wide program of training workers by means of special short courses is also planned by the Commissariat of Agriculture of U.S.S.R.

## THE WORLD SITUATION IN HOGS AND PORK, CONT'D

PORK AND PORK PRODUCTS: International trade, average 1925-1929,  
annual 1929 and 1930

| Country                              | Calendar year              |                            |                            |                            |                            |                            |
|--------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                                      | Average<br>1925-1929       |                            | 1929                       |                            | 1930 1/                    |                            |
|                                      | Exports<br>1,000<br>Pounds | Imports<br>1,000<br>Pounds | Exports<br>1,000<br>Pounds | Imports<br>1,000<br>Pounds | Exports<br>1,000<br>Pounds | Imports<br>1,000<br>Pounds |
| <b>Principal Exporting Countries</b> |                            |                            |                            |                            |                            |                            |
| United States.....                   | 1,136,856                  | 10,459                     | 1,208,089                  | 8,515                      | 949,730                    | 4,655                      |
| Denmark.....                         | 557,264                    | 2,869                      | 596,417                    | 2,695                      | 738,248                    | 2,784                      |
| Netherlands.....                     | 249,396                    | 15,089                     | 202,634                    | 8,166                      | 210,205                    | 5,225                      |
| Irish Free State.....                | 32,656                     | 55,011                     | 95,774                     | 50,579                     | 81,312                     | 55,661                     |
| Canada.....                          | 90,757                     | 17,247                     | 40,462                     | 21,982                     | 20,651                     | 21,398                     |
| Sweden.....                          | 41,205                     | 9,796                      | 44,693                     | 7,894                      | 63,960                     | 6,591                      |
| Poland.....                          | 40,987                     | 37,151                     | 21,962                     | 44,420                     | 17,124                     | 30,805                     |
| Hungary.....                         | 26,512                     | 84                         | 14,074                     | 3                          | 21,833                     | 0                          |
| New Zealand.....                     | 13,177                     | 35                         | 19,788                     | 5                          | 16,846                     | 2                          |
| China.....                           | 12,824                     | 413                        | 12,020                     | 343                        | 10,586                     | 278                        |
| Argentina.....                       | 9,319                      | 42                         | 13,456                     | 32                         | 12,493                     | 31                         |
| Australia 2/.....                    | 3,374                      | 2,119                      | 3,219                      | 3,115                      | 3,375                      | 829                        |
| <b>Principal Importing Countries</b> |                            |                            |                            |                            |                            |                            |
| United Kingdom.....                  | 5,883                      | 1,371,607                  | 5,432                      | 1,396,908                  | 5,102                      | 1,477,216                  |
| Germany.....                         | 4,584                      | 322,127                    | 6,159                      | 275,581                    | 13,735                     | 237,707                    |
| Cuba.....                            | 0                          | 130,313                    | 0                          | 123,812                    | 0                          | 101,265                    |
| France.....                          | 3,135                      | 88,097                     | 1,739                      | 57,866                     | 1,602                      | 79,799                     |
| Czechoslovakia.....                  | 4,018                      | 81,017                     | 4,802                      | 84,792                     | 2,573                      | 60,435                     |
| Mexico..... 3/                       | 14                         | 45,127                     | --                         | 676                        | 5                          | 77,390                     |
| Austria.....                         | 673                        | 33,382                     | 280                        | 39,304                     | 316                        | 23,337                     |
| Belgium.....                         | 7,184                      | 22,099                     | 3,932                      | 35,807                     | 3,087                      | 34,592                     |
| Italy.....                           | 3,212                      | 16,850                     | 1,179                      | 28,812                     | 2,059                      | 11,055                     |
| Finland.....                         | 379                        | 12,024                     | 330                        | 11,352                     | 751                        | 7,271                      |
| Peru.....                            | 6                          | 11,692                     | 10                         | 9,464                      | --                         | --                         |
| Norway.....                          | 17                         | 8,285                      | 52                         | 6,734                      | --                         | 3,817                      |
| Philippine Islands....               | 0                          | 7,015                      | 0                          | 8,203                      | 0                          | 6,810                      |
| Switzerland.....                     | 188                        | 6,765                      | 30                         | 7,528                      | 21                         | 4,913                      |
| Brazil.....                          | 940                        | 2,569                      | 1,608                      | 682                        | 1,712                      | 888                        |
| Spain.....                           | 1,803                      | 2,484                      | 892                        | 4,479                      | 2,951                      | 540                        |
| Union of South Africa..              | 747                        | 1,398                      | 635                        | 1,482                      | 618                        | 1,176                      |
| Chile..... 3/                        | 199                        | 473                        | 437                        | 181                        | --                         | --                         |
| Total, 30 countries                  | 2,307,309                  | 2,313,639                  | 2,300,111                  | 2,241,411                  | 2,180,895                  | 2,256,469                  |

Bureau of Agricultural Economics. Official sources except where otherwise noted. These figures comprise: Pork fresh, canned, pickled, smoked, bacon, Cumberland sides, Wiltshire sides, hams and shoulders, lard, lard compound, neutral lard, hog casings; lard oil, heads and feet. 1/ Preliminary. 2/ Year ended June 30. 3/ 4 year average.

## FEED GRAINS: Movement from principal exporting countries

| Item                        | Exports for year |               | Shipments 1931, week ended a/ |               |               | Exports as far as reported |               |               |
|-----------------------------|------------------|---------------|-------------------------------|---------------|---------------|----------------------------|---------------|---------------|
|                             | 1929-30          | 1930-31 b/    | Nov. 21                       | Nov. 28       | Dec. 5        | July 1 to and incl.        | 1930-31       | 1931-32       |
| <b>BARLEY, EXPORTS:</b>     |                  |               |                               |               |               |                            |               |               |
| Year beginning July 1       | 1,000 bushels    | 1,000 bushels | 1,000 bushels                 | 1,000 bushels | 1,000 bushels |                            | 1,000 bushels | 1,000 bushels |
| United States               | 21,544           | 10,390        | 82                            | 4             | 159           | Dec. 5                     | 5,037         | 3,350         |
| Canada.....                 | 6,396            | 16,603        |                               |               |               | Oct. 31                    | 681           | 6,922         |
| Argentina.....              | 5,990            | 11,614        | c/ 17                         | c/ 133        |               | Nov. 28                    | c/ 2,317      | c/ 1,317      |
| Danube countries c/....     | 66,092           | 70,492        | 1,258                         | 758           |               | Nov. 28                    | 37,817        | 19,333        |
| Total.....                  | 100,022          | 109,093       |                               |               |               |                            | 45,852        | 30,922        |
| <b>OATS, EXPORTS:</b>       |                  |               |                               |               |               |                            |               |               |
| Year beginning July 1       |                  |               |                               |               |               |                            |               |               |
| United States               | 7,966            | 3,123         | 122                           | 79            | 31            | Dec. 5                     | 1,450         | 2,814         |
| Canada.....                 | 4,694            | 10,557        |                               |               |               | Oct. 31                    | 2,275         | 5,140         |
| Argentina.....              | 20,181           | 44,943        | c/ 136                        | c/ 819        |               | Nov. 28                    | c/ 14,030     | c/ 14,157     |
| Danube countries c/....     | 1,453            | 2,496         | 0                             | 0             |               | Nov. 28                    | 1,580         | 429           |
| Total.....                  | 34,294           | 61,119        |                               |               |               |                            | 19,335        | 22,540        |
|                             | Exports for year |               | Shipments 1931, week ended a/ |               |               | Exports as far as reported |               |               |
|                             | 1929-30          | 1930-31 b/    | Nov. 21                       | Nov. 28       | Dec. 5        | Nov. 1 to and incl.        | 1930-31       | 1931-32       |
| <b>CORN, EXPORTS:</b>       |                  |               |                               |               |               |                            |               |               |
| Year beginning Nov. 1       | 1,000 bushels    | 1,000 bushels | 1,000 bushels                 | 1,000 bushels | 1,000 bushels |                            | 1,000 bushels | 1,000 bushels |
| United States               | 8,527            | 3,119         | 36                            | 110           | 24            | Dec. 5                     | 88            | 450           |
| Danube countries c/....     | 49,817           | 15,849        | 360                           | 300           |               | Nov. 28                    | 2,743         | 1,234         |
| Argentina.....              | 172,017          | 355,660       | c/ 8,083                      | c/ 9,208      | c/ 10,666     | Dec. 5                     | 23,721        | c/ 47,917     |
| Union of South Africa d/... | 30,120           | 8,143         | 686                           | 129           |               | Nov. 28                    | 2,657         | 2,357         |
| Total.....                  | 260,481          | 382,771       |                               |               |               |                            | 29,209        | 51,958        |
| United States imports.....  | 1,262            | 928           |                               |               |               |                            |               |               |

Compiled from official and trade sources.

a/ The weeks shown in these columns are nearest to the date shown.

b/ Preliminary.

c/ Trade sources.

d/ Unofficial reports of exports to Europe from South and East Africa.

COTTON: Price per pound of representative raw cottons at  
Liverpool on December 11, 1931 with comparisons

| Description                | 1931  |          |       |       |       |       |          | 1930  |
|----------------------------|-------|----------|-------|-------|-------|-------|----------|-------|
|                            | Oct.  | November |       |       |       |       | December | Dec.  |
|                            | 30 a/ | 6 a/     | 13 a/ | 20 a/ | 28 a/ | 4 a/  | 11 a/    | 12    |
| PRICES                     | Cents | Cents    | Cents | Cents | Cents | Cents | Cents    | Cents |
| American                   |       |          |       |       |       |       |          |       |
| Middling.....              | 8.03  | 7.94     | 7.95  | 7.62  | 7.20  | 7.15  | 7.20     | 11.01 |
| Low Middling.....          | 7.63  | 7.58     | 7.59  | 7.30  | 6.91  | 6.87  | 6.99     | 10.00 |
| Egyptian (Fully good fair) |       |          |       |       |       |       |          |       |
| Sakellaridis.....          | 11.83 | 11.92    | 11.94 | 11.52 | 10.51 | 10.01 | 10.09    | 16.12 |
| Upper.....                 | 9.36  | 9.40     | 9.33  | 8.86  | 8.22  | 7.83  | 8.11     | 12.43 |
| Brazilian (Fair)           |       |          |       |       |       |       |          |       |
| Ceara.....                 | 7.95  | 7.82     | 7.82  | 7.46  | 7.05  | 7.01  | 6.99     | 11.11 |
| Sao Paulo.....             | 7.95  | 7.82     | 7.82  | 7.46  | 7.05  | 7.01  | 6.99     | 11.11 |
| East Indian                |       |          |       |       |       |       |          |       |
| Broach (Fully good).....   | 7.22  | 7.33     | 7.48  | 6.84  | 6.45  | 6.46  | 6.70     | 8.11  |
| Oomra #1, Fine.....        | 7.02  | 7.12     | 7.27  | 6.95  | 6.41  | 6.42  | 6.66     | 7.71  |
| Sind (Fully good).....     | 6.53  | 6.65     | 6.96  | 6.32  | 5.97  | 6.01  | 6.70     | 6.79  |
| Peruvian (Good).....       |       |          |       |       |       |       |          |       |
| Tanguis.....               | 10.36 | 10.42    | 10.42 | 10.03 | 9.48  | 9.30  | 9.27     | 13.24 |
| Mitafffi.....              | 11.26 | 11.05    | 11.00 | 10.90 | 9.92  | 9.04  | 8.98     | 12.67 |

Foreign Agricultural Service Division.

a/ Current exchange basis.

- - - -

EXCHANGE RATES: Daily values in New York of specified currencies,  
week ended December 12, 1931 a/

| Country      | Monetary unit | Mint par | 1931     |        |        |        |        |        |
|--------------|---------------|----------|----------|--------|--------|--------|--------|--------|
|              |               |          | December |        |        |        |        |        |
|              |               |          | 7        | 8      | 9      | 10     | 11     | 12     |
|              |               | Cents    | Cents    | Cents  | Cents  | Cents  | Cents  | Cents  |
| Argentina b/ | Peso          | 96.48    | 58.63    | 58.53  | 58.52  | 58.57  | 58.35  | 58.55  |
| Canada ..... | Dollar        | 100.00   | 84.29    | 83.49  | 83.46  | 83.40  | 83.27  | 81.75  |
| China.....   | Shang. tael   | --       | 32.34    | 32.01  | 31.85  | 32.31  | 33.04  | 32.54  |
| China.....   | Mex. dollar   | --       | 23.00    | 23.19  | 22.88  | 23.19  | 23.75  | 23.47  |
| Denmark..... | Krone         | 26.80    | 17.97    | 17.96  | 18.10  | 18.11  | 18.25  | 18.69  |
| England..... | Pound         | 486.66   | 325.70   | 325.55 | 328.20 | 329.93 | 331.58 | 339.49 |
| France.....  | Franc         | 3.92     | 3.92     | 3.91   | 3.92   | 3.93   | 3.93   | 3.92   |
| Germany..... | Reichmark     | 23.82    | 22.98    | 22.97  | 23.46  | 23.58  | 23.67  | 23.73  |
| Italy.....   | Lira          | 5.26     | 5.09     | 5.11   | 5.14   | 5.15   | 5.15   | 5.15   |
| Mexico.....  | Peso          | 49.85    | 37.94    | 38.09  | 38.15  | 38.32  | 38.52  | 38.57  |
| Netherlands  | Guilder       | 40.20    | 40.28    | 40.33  | 40.31  | 40.35  | 40.40  | 40.45  |
| Norway.....  | Krone         | 26.80    | 17.94    | 17.92  | 18.05  | 18.02  | 18.02  | 18.52  |
| Spain.....   | Peseta        | 19.30    | 8.27     | 8.23   | 8.26   | 8.27   | 8.31   | 8.37   |
| Sweden.....  | Krona         | 26.80    | 17.98    | 17.96  | 18.11  | 18.13  | 18.25  | 18.74  |

Federal Reserve Board.

a/ Noon buying rates for cable transfers. b/ Quotations are for gold pesos; paper pesos (m/n) computed at 44 per cent of gold exchange rate.

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GRAINS: Exports from the United States, July 1 - Dec. 5, 1930 and 1931

PORK: Exports from the United States, January 1 - Dec. 5, 1930 and 1931

| Commodity                   | July 1 - Dec. 5 |         | Weeks ending |         |         |         |
|-----------------------------|-----------------|---------|--------------|---------|---------|---------|
|                             | 1930            | 1931    | Nov. 14      | Nov. 21 | Nov. 28 | Dec. 5  |
|                             | 1,000           | 1,000   | 1,000        | 1,000   | 1,000   | 1,000   |
|                             | bushels         | bushels | bushels      | bushels | bushels | bushels |
| GRAINS:                     |                 |         |              |         |         |         |
| Wheat <u>a/</u> .....       | 53,881          | 52,332  | 1,950        | 2,465   | 1,754   | 1,439   |
| Wheat flour <u>b/</u> ..... | 29,022          | 18,161  | 508          | 776     | 470     | 992     |
| Rye .....                   | 151             | 42      | --           | 17      | --      | --      |
| Corn .....                  | 1,244           | 1,399   | 150          | 36      | 110     | 24      |
| Oats .....                  | 731             | 1,830   | 198          | 122     | 79      | 31      |
| Barley <u>a/</u> .....      | 5,037           | 3,350   | 17           | 82      | 4       | 159     |
|                             | Jan. 1 - Dec. 5 |         |              |         |         |         |
|                             | 1930            | 1931    |              |         |         |         |
|                             | 1,000           | 1,000   | 1,000        | 1,000   | 1,000   | 1,000   |
|                             | pounds          | pounds  | pounds       | pounds  | pounds  | pounds  |
| PORK:                       |                 |         |              |         |         |         |
| Hams & shoulders, incl.     |                 |         |              |         |         |         |
| Wiltshire sides .....       | 118,463         | 77,963  | 1,305        | 1,344   | 572     | 263     |
| Bacon, incl. Cumberland     |                 |         |              |         |         |         |
| sides .....                 | 90,581          | 38,133  | 512          | 1,014   | 580     | 1,118   |
| Lard .....                  | 607,683         | 509,310 | 6,690        | 6,054   | 7,757   | 5,146   |
| Pickled pork .....          | 28,846          | 14,005  | 133          | 109     | 68      | 42      |

Compiled from official records - Bureau of Foreign and Domestic Commerce.

a/ Included this week: Pacific ports wheat 286,000 bushels, flour 149,400 barrels, from San Francisco barley 148,000 bushels, rice 5,263,000 pounds.b/ Includes flour milled in bond from Canadian wheat, in terms of wheat.WHEAT, INCLUDING FLOUR: Shipments from principal exporting countries  
as given by current trade sources

| Country                           | Total shipments   |                    | Shipments, weeks ending |         |         | Total shipments, July 1 to and incl. Dec. 5 |         |
|-----------------------------------|-------------------|--------------------|-------------------------|---------|---------|---------------------------------------------|---------|
|                                   | 1929-30<br>(Rev.) | 1930-31<br>(Prel.) | Nov. 21                 | Nov. 28 | Dec. 5  | 1930-31                                     | 1931-32 |
|                                   | 1,000             | 1,000              | 1,000                   | 1,000   | 1,000   | 1,000                                       | 1,000   |
|                                   | bushels           | bushels            | bushels                 | bushels | bushels | bushels                                     | bushels |
| North America <u>a/</u> .....     | 317,248           | 367,768            | 7,024                   | 8,195   | 7,130   | 192,560                                     | 153,301 |
| Canada, 4 markets <u>b/</u> ..... | 193,380           | 270,168            | 9,252                   | 6,893   | 8,768   | 172,355                                     | 120,649 |
| United States .....               | 149,758           | 132,276            | 3,241                   | 2,224   | 2,461   | 32,903                                      | 70,493  |
| Argentina .....                   | 164,984           | 118,712            | 1,360                   | 893     | 669     | 20,376                                      | 33,756  |
| Australia .....                   | 64,376            | 144,512            | 1,112                   | 327     | 1,010   | 30,440                                      | 45,349  |
| Russia <u>c/</u> .....            | 5,672             | 92,520             | 2,768                   | 448     | 984     | 33,936                                      | 63,264  |
| Danube and Bulgaria <u>c/</u> ... | 18,384            | 15,128             | 848                     | 2,040   | 1,024   | 9,432                                       | 27,272  |
| British India .....               | d/1,936           | 5,808              | 0                       | 8       | 0       | 5,592                                       | 616     |
| Total <u>e/</u> .....             | 572,600           | 744,448            | 13,112                  | 11,911  | 10,817  | 322,296                                     | 323,538 |
| Total European ship. <u>a/</u> .. | 476,096           | 614,488            | 11,712                  | --      | --      | 270,928                                     | 249,720 |
| Total ex-European ship. <u>a/</u> | 138,688           | 172,600            | 2,304                   | --      | --      | 46,824                                      | 72,392  |

a/ Broomhall's Corn Trade News. b/ Fort William, Port Arthur, Vancouver, and Prince Rupert. c/ Black Sea shipments only. d/ Net imports 1929-30 were 1,847,893 bushels; for 1930-31 were 420,099 bushels. e/ Total of trade figures includes North America as reported by Broomhall's.

BUTTER: Prices at London, Berlin, Copenhagen and New York, in cents per pound  
(Foreign prices by weekly cable)

| Market and item                    | Dec. 11,<br>1930 | Dec. 3,<br>1931 | Dec. 10,<br>1931 |
|------------------------------------|------------------|-----------------|------------------|
|                                    | Cents            | Cents <u>a/</u> | Cents <u>a/</u>  |
| New York, 92 score.....            | 33.00            | 30.50           | 30.20            |
| Copenhagen, official quotation.... | 27.72            | 18.39           | 18.70            |
| Berlin, 1a quality.....            | 29.82            | 23.04           | 22.77            |
| London:                            |                  |                 |                  |
| Danish.....                        | 30.64            | 20.25           | 20.90            |
| Dutch, unsalted.....               | 30.42            | 21.75           | 21.60            |
| New Zealand.....                   | 24.77            | 16.28           | 15.50            |
| New Zealand.....                   | 25.64            | 17.85           | 17.60            |
| Australian.....                    | 24.12            | 15.98           | 15.20            |
| Australian, unsalted.....          | 24.34            | 16.50           | 16.30            |
| Argentine, unsalted.....           | 23.46            | 14.55           | 14.30            |
| Siberian.....                      | b/               | 14.33           | 14.20            |

a/ Conversions to U.S. currency at prevailing rate of exchange. b/ No quotation.

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EUROPEAN LIVESTOCK AND MEAT MARKETS  
(By weekly cable)

| Market and item                         | Unit            | Week ended       |                           |                           |
|-----------------------------------------|-----------------|------------------|---------------------------|---------------------------|
|                                         |                 | Dec. 10,<br>1930 | Dec. 2,<br>1931 <u>a/</u> | Dec. 9,<br>1931 <u>a/</u> |
| GERMANY:                                |                 |                  |                           |                           |
| Receipts of hogs, 14 markets....        | Number          | 71,935           | 76,989                    | 78,650                    |
| Prices of hogs, Berlin.....             | \$ per 100 lbs. | 12.59            | 8.56                      | 8.14                      |
| Prices of lard, tcs., Hamburg....       | "               | 12.93            | 8.99                      | 9.01                      |
| UNITED KINGDOM:                         |                 |                  |                           |                           |
| Hogs, certain markets, England          | Number          | 18,114           | 18,404                    | 20,162                    |
| Prices at Liverpool:                    |                 |                  |                           |                           |
| Prime steam western lard <u>b/</u> .... | \$ per 100 lbs. | 11.19            | 7.41                      | 7.40                      |
| American short cut green hams           | "               | 21.63            | 10.72                     | 10.95                     |
| American green bellies.....             | "               | 20.31            | 7.75                      | 7.70                      |
| Danish Wiltshire sides.....             | "               | 14.99            | 7.89                      | 7.85                      |
| Canadian green sides.....               | "               | c/               | c/                        | c/                        |

a/ Converted at current rate of exchange. b/ Friday quotations. c/ No quotation.

## Index

|                                           | Page       |                                         | Page |
|-------------------------------------------|------------|-----------------------------------------|------|
| Late cables .....                         | 1007       | :: PORK SITUATION, CONT'D:              |      |
| Crop and Market Prospects .....           | 1008       | :: Slaughter:                           |      |
| - - - - -                                 |            | :: Canada 1923-1931 .....               | 1034 |
| Barley:                                   |            | :: Germany 1927-1931 .....              | 1044 |
| Production, world 1931 .....              | 1012       | :: Principal countries 1927-31 .....    | 1022 |
| Stocks (farm) Germany, Nov. 15 '31 .....  | 1012       | :: United States 1925-1931 ...          | 1047 |
| Butter, prices, foreign mkts. 1931 .....  | 1051       | :: Lard:                                |      |
| Corn:                                     |            | :: Exports by countries:                |      |
| Import duties, Spain, Nov. 8, 1931 ..     | 1012       | :: Denmark 1928-1931 .....              | 1036 |
| Production, world, 1931 .....             | 1012       | :: Netherlands 1928-1931 .....          | 1038 |
| Cotton:                                   |            | :: U.S. 1925-1931 .....                 | 1029 |
| Consumption, China, Dec. 14, 1931 ..      | 1013       | :: Imports by countries:                |      |
| Prices, Liverpool, Dec. 11 '31 1013, 1049 |            | :: Germany 1928-1931 .....              | 1045 |
| Exchange rates, foreign, Dec. 12 '31 ..   | 1049       | :: United Kingdom 1928-1931 ..          | 1042 |
| Grain:                                    |            | :: Prices 1925-1931:                    |      |
| Exports, U.S. by weeks, 1931 ....         | 1050       | :: Germany .....                        | 1044 |
| Movement (feed) principal coun-           |            | :: United Kingdom .....                 | 1040 |
| tries, Dec. 5, 1931 .....                 | 1048       | :: United States .....                  | 1029 |
| Procurement, Russia, Dec. 1, 1931 ..      | 1008       | :: Pork:                                |      |
| Oats:                                     |            | :: Exports, U.S. by weeks, 1931 ..      | 1050 |
| Production, world, 1931 .....             | 1013       | :: Exports by countries:                |      |
| Stocks (farm) Germany, Nov. 15,           |            | :: Fresh, chilled or frozen:            |      |
| 1931 .....                                | 1013       | :: Canada, 1923-1931 .....              | 1034 |
| PORK SITUATION, WORLD, DECEMBER 1931      | 1015       | :: Denmark 1928-1931 .....              | 1036 |
| Bacon:                                    |            | :: Netherlands 1928-1931 ...            | 1038 |
| Exports by countries:                     |            | :: U.S. 1927-1931 .....                 | 1031 |
| Canada, 1923-1931 .....                   | 1034       | :: Pickled, U.S. 1927-1931 ...          | 1031 |
| Denmark, 1925-1931 ....                   | 1035, 1036 | :: Imports by countries:                |      |
| Netherlands, 1928-1931 .....              | 1038       | :: Fresh, chilled or frozen:            |      |
| United States, 1927-1931 ....             | 1030       | :: Canada, 1927-1931 .....              | 1034 |
| Imports by countries:                     |            | :: Germany, 1928-1931 .....             | 1045 |
| Canada, 1926-1931 .....                   | 1034       | :: United Kingdom, 1928-31 ..           | 1042 |
| Germany, 1928-1931 .....                  | 1045       | :: International trade 1930 ....        | 1047 |
| United Kingdom, 1928-1931 ..              | 1042       | :: Prices foreign markets, 1931         | 1051 |
| Hams and shoulders:                       |            | :: Production:                          |      |
| Exports by countries:                     |            | :: Canada 1923-1931 .....               | 1034 |
| Denmark, 1928-1931 .....                  | 1036       | :: Germany 1927-1931 .....              | 1044 |
| United States 1927-1931 ....              | 1030       | :: Principal countries 1927-31          | 1024 |
| Imports by countries:                     |            | :: Rye, production, world 1931 ....     | 1008 |
| Canada, 1926-1931 .....                   | 1034       | :: Wheat:                               |      |
| Germany, 1928-1931 .....                  | 1045       | :: Foreign trade, U.S. Dec. 5, 1931 ..  | 1009 |
| United Kingdom 1928-1931 ...              | 1042       | :: Growing cond. foreign, Dec. 1 '31 .. | 1008 |
| Hogs:                                     |            | :: Market cond. foreign, Dec. 11 '31 .. | 1010 |
| Numbers:                                  |            | :: Prices U.S. Dec. 12, 1931 .....      | 1011 |
| Canada 1923-1931 .....                    | 1033       | :: Production, world 1931 .....         | 1008 |
| Netherlands, 1931 .....                   | 1037       | :: Receipts and shipments, Canada       |      |
| Principal countries 1927-31 ..            | 1018       | :: Dec. 4, 1931 .....                   | 1000 |
| Russia, 1931 .....                        | 1046       | :: Shipments, prin. co's. Dec. 5 '31 .. | 1050 |
| Grainings, Canada, 1928-1931 ...          | 1033       | :: Wool, market conditions, United      |      |
| Prices, U.S. 1925-1931 .....              | 1028       | :: Kingdom, Dec. 11, 1931 .....         | 1014 |



